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SAMPLING INVESTIGATION REPORT  
SAAD SITE  
NASHVILLE, TENNESSEE  
TDD NO. F4-8212-105  
CONTRACT NO. 68-01-6899  
FOR THE  
HAZARDOUS SITE CONTROL DIVISION  
U.S. ENVIRONMENTAL PROTECTION AGENCY

SEPTEMBER 9, 1983

NUS CORPORATION  
SUPERFUND DIVISION

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## 1.0 INTRODUCTION

This report includes the results of two different sampling studies related to pollution of the Croft farm, the John P. Saad site and the L & N Railroad yards in Nashville, Tennessee. These studies were conducted in accordance with TDD F4-8205-01 and TDD F4-8207-12. Both investigations were performed by the Ecology & Environment, Inc., Region IV, Field Investigation Team (FIT) as requested by the U.S. EPA Region IV, Air and Hazardous Materials Division. The first investigation performed under TDD F4-8205-01 was carried out by Messrs. Charles H. Wilson, Gary P. Clemons, R. Roger Franklin and Alan C. Leggett, during the week of May 17-23, 1982. The second investigation, conducted under TDD F4-8207-12 by Messrs. Charles H. Wilson, R. Roger Franklin and Alan C. Leggett, was initiated on August 19, 1982 and completed on September 17, 1982. For clarification this report is divided into three phases. Phase I includes all of the data from the first investigation which included the sampling of two private wells, a pit behind the Saad Oil Company and the Croft farm spring. Phase II consists of the data from the environmental samples collected from possible drainage pathways around the Saad Site. The data from the six monitoring wells that were sampled is discussed in Phase III. The monitoring wells were installed under TDD F4-8204-06 (5).

The purpose of both investigations was to test for the presence of contaminants at locations suspected to be potential pathways of contaminant migration from suspected sources. The suspected contamination sources are the John P. Saad Oil Company and the Radnor Railroad Yards owned by L & N Railroad.

## 2.0 SITE DESCRIPTION

The study area is shown in Figures 1 and 2B. The John P. Saad Oil Company is a waste oil recycler located on Trousdale Blvd. that has been in operation since 1970. Adjacent to the Saad Oil Company is the L & N Railroad yard. The Saad Site was first noted as a pollution source in 1978 when a discharge pond located at the rear of the site was found to contain waste solvents. In 1979 drums suspected of containing hazardous waste were found on site. The local geology of the area contains limestone that has karst formations and extensive fractures. The discharge pond was located over a sink area that has been filled. The sink area common to both the L & N yard and the Saad property has received chemical wastes from Saad and possibly spilled fuels and lubricants from L & N. It is suspected that this sink is hydrologically connected to a large spring on the Croft farm located less than one mile downgradient of the two suspected sources.

The Croft farm property is a 300 acre farm that is scheduled to become a childrens recreational park under management of the Cumberland Museum. The major spring on the property forms a stream that flows to the south. This stream is additionally fed by several smaller springs also located on the Croft farm. Near the property boundary, the stream joins a creek that flows from an industrialized area located north of the Croft property. In 1968, L & N Railroad paid damages to the Croft farm for polluting the spring, which reportedly injured cattle that drank from the stream. Past sampling of the major spring by the Tennessee Water Quality staff has documented the presence of alkylated benzene, 1,1-dichloroethylene, chloroform, carbon tetrachloride and chlorobenzene. Additionally, the stream is aesthetically damaged by an orange colored precipitant thought to be related to an unnatural bloom of iron-fixing microflora. The museum and state officials desire to rid this spring of pollution to eliminate possible health risks to users of the planned park and to restore its natural appearance.

### 3.0 DISCUSSION OF ANALYTICAL RESULTS

#### 3.1 Phase I

##### 3.1.1 Private Wells

Water samples were collected from two private wells located east of the Croft farm (Figure 2C). The analyses for purgeable organic compounds detected trans-1,2-dichloroethene in well SS-PW-1 and two compounds, tetrachloroethene and 2-methyl-2-methylpropane, in well SS-PW-1 (Table III). None of these compounds are priority pollutants. The inorganic analyses detected eleven metals (three priority pollutants) common to both wells (Table II). Two of the priority pollutants, zinc and copper, did not exceed the secondary drinking water standards<sup>(1)</sup>. The third priority pollutant detected, cyanide, is not regulated by drinking water regulations. However, the concentration of iron detected in the sample collected from well SS-PW-1 exceeded the limits in the secondary drinking water criteria.

##### 3.1.2 Croft farm Springs and Stream

Water and sediment samples were collected from three springs located on the Croft farm that combine to form one major stream (Figure 2A). Samples were also collected from the industrial creek that joins the Croft stream. These samples were collected to determine the source of any contaminants found below the confluence. Two samples were taken at the major spring on the Croft farm (SS-S-7 and SS-CF-SP). The first sample was collected during Phase I sampling and the second sample was collected during Phase III sampling.

The organic analyses performed on the water and sediment samples collected at the major spring during Phase I sampling (SS-S-7), indicated the presence of 16 (3 priority pollutants) compounds (Tables III, IV, VI, and VII). The presence of ten of the compounds was presumptive and their concentrations were estimated. One of the compounds was an unidentified petroleum product that was not quantified. The water and sediment samples taken from this spring in Phase III (SS-CF-SP) did not

contain any organic compounds. This indicates a wide variation in stream contamination depending upon when the sampling was performed.

The inorganic analysis performed on the water and sediment samples collected at the major spring detected 16 metals in Phase I (SS-S-7) and 12 metals in Phase III (SS-CF-SP). Five priority pollutants were found in Phase I and seven priority pollutants were found in Phase III. As Tables II and V show, most of the priority pollutants detected in the Phase I samples are not the same priority pollutant found in Phase III samples, again demonstrating variation.

Water and sediment samples were collected at six stream locations below the major spring (Figure 2A). These locations included two smaller springs, one small stream, the industrial creek, an area of ground seepage and below the confluence of the Croft stream and the industrial creek. The two small springs, the small stream and the ground seepage flow into the Croft stream. Eight organic compounds (4 priority pollutants) were detected collectively in the six water samples collected (Tables III & IV). The presence of two of these compounds was not substantiated and their concentration values estimated.

The six sediment samples collectively contained 24 organic compounds, eleven of which are priority pollutants (Tables VI & VII). However, 12 of these compounds were found only in the industrial creek sample (SS-T-2). Nine of the remaining 12 compounds were found only in sample SS-S-6.1 (Figure 2.A). Only the following compounds were found in more than one sample: pentachlorophenol (SS-S-6.1 and SS-S-2), tetrachloroethene (SS-SP4-5, SS-T-2 and SS-BC) and an unidentified petroleum product (SS-S-6.1, SS-T-2 and SS-BC). Of the eleven priority pollutants detected, ten were found only in the industrial creek, upgradient of the confluence (SS-T-2). The other priority pollutant, pentachlorophenol, was found in samples SS-S-6.1 and SS-S-2.

Thirteen metals, including two priority pollutants (zinc and cyanide), were detected collectively in the six water samples (Table II). Most of the metals found were consistent throughout all the samples except for SS-S-6.1 which contained more metals than the other samples.

Five of the six sediment samples analyzed contained the same metals (eighteen) except for sample SS-BC which did not contain mercury (Table V). The sixth sample, SS-T-2, contained 16 metals, including six variations when compared with the other five samples. Each of the samples contained seven priority pollutants, except sample SS-BC which contained six.

Chlordane was detected in sediment samples SS-T-2 and SS-BC by analyses performed to detect chlorinated compounds (Table VIII). The presence of chlordane may be due to its use as a pesticide on the Croft farm.

### 3.1.3 Radnor Yards - L & N Railroad

Water and sediment samples were collected from both the secondary drainage lagoon (SS-LN-DL) and oil separator (SS-LN-OS) located on the Radnor Railroad Yards (Figure 2C). The organic analyses performed on the water samples detected the presence of ten compounds (4 priority pollutants) in the lagoon and fifteen compounds (3 priority pollutants) in the oil separator (Tables III and IV). Only one compound, chloroform, was common to both samples. The concentrations of five of the compounds found in the lagoon and eleven of the compounds found in the oil separator were estimated because their presence and concentration were not verified by comparison with a standard (presumptive evidence of presence).

The organic analyses performed on the sediment samples indicated the presence of 33 compounds (10 priority pollutants) in the oil separator and 37 compounds (11 priority pollutants) in the lagoon (Tables VI and VII). The oil separator sediment contained 18 compounds, all with estimated concentrations. Their concentrations were estimated because their presence and concentration was not verified. One compound, a petroleum product, was not quantified. Twenty one of the compounds found in sample of the lagoon sediments also had estimated concentrations.

The analysis for inorganic contaminants in the water samples detected eight metals in sample SS-LN-OS and twelve metals in sample SS-LN-DL (Table II). Three priority pollutants were found in the lagoon water and one priority pollutant was found in the oil separator.

The two sediment samples were each found to contain the same metals with one exception (Table V). Cadmium, present in sample SS-LN-DL, was not present in sample SS-LN-OS. Sample SS-LN-DL contained seven priority pollutants and sample SS-LN-OS contained six priority pollutants.

### 3.1.4 Subsurface Samples

Two soil samples were taken at depths of 18" (SS-CON-1S) and 6' (SS-CON-2S) from a pit dug at the rear of the Saad Oil Company property (Figure 2B). Organic analyses of these samples detected thirteen compounds in sample SS-CON-1S and ten compounds in sample SS-CON-2S (Tables VI and VII). Ten compounds were common to both samples. Trichloroethane, found in sample SS-CON-1S, was the single priority pollutant detected. One compound found in both samples, a petroleum product, was not quantified. The total unidentified alkyl hydrocarbons that were detected had estimated concentration values of 1,700,000 ug/kg in sample SS-CON-1S and 180,000 in sample SS-CON-2S. The 1,700,000 ppb of alkyl hydrocarbons is the highest concentration of any contaminants found in any of the samples collected during the three sampling phases.

Nineteen metals (7 priority pollutants) were detected in sample SS-CON-1S and sixteen metals (5 priority pollutants) were detected in sample SS-CON-2S (Table V). Sixteen metals were common to both samples.

### 3.1.5 Franklin Brick Company Sample

A water sample was collected from a shallow test pit behind the Franklin Brick Company (Figure 2B). The Franklin Brick Company is located adjacent to the Saad Oil Company.

This sample (SS-FB-W) was found to contain 22 organic compounds with concentrations ranging from 1 ug/l to 230 ug/l (Tables III and IV). Eleven of these compounds are listed as priority pollutants. Seven of the compounds had estimated concentration values because the evidence of their presence was presumptive.

Fifteen metals were detected by the inorganic analyses performed on the water samples (Table II). Four of the metals are listed as priority pollutants.

### 3.2 Phase II

#### 3.2.1 Drainage Area

Soil, water and sediment samples were collected from drainage areas located topographically upgradient and off-site of the Saad property (Figure 3). In an effort to characterize possible contamination from upgradient surface drainage nine sample locations were selected. The lowest point of these local drainage pathways is an area that includes the Franklin Brick Company, the Saad Oil Company and Klein Kustom Koach. Surface drainage towards the Saad Site is from three directions, north, south and east.

Three soil samples (SS-CS-3, SS-CS-3A and SS-CS-4) were collected from the drainage flowing south toward Saad. Collectively, 25 organic compounds (12 priority pollutants) were detected in these samples (Tables XIII and XIV). However, 23 compounds (including 6 unidentified compounds) were found in sample SS-CS-3A collected in front of the National Paint Company. Only six compounds were found in sample SS-CS-4 and four compounds in sample SS-CS-3. One compound, bis (2-ethyl hexyl) phthalate, was common to all three samples.

Fourteen metals were detected in the inorganic analysis performed on the samples (Table XII). Nine of the metals are listed as priority pollutants. Unlike the organic analyses, most of the inorganics detected were consistent throughout all three samples.

Three samples were collected from a second drainage path that flows west towards the Saad Site. These samples consisted of soil samples from locations SS-CS-1 and SS-CS-2 and water and sediment samples from location SS-CS-5.

The water sample (SS-CS-5) contained one organic compound, acetone, which was not quantified (Table X). Seven metals were detected in the water sample, four of which are priority pollutants (Table IX).

The sediment sample SS-CS-5 and the soil samples SS-CS-1 and SS-CS-2 contained 25 organic compounds (12 priority pollutants) collectively (Tables XIII and XIV). Seventeen compounds were found in samples SS-CS-1 and SS-CS-2. Eleven compounds were detected in sample SS-CS-5, however, eight of the compounds were not identified.

Twelve metals were found in soil and sediment samples SS-CS-1, SS-CS-2 and SS-CS-5 (Table XII). Eight of these metals are priority pollutants. The inorganic analyses showed eight metals common to all three samples.

The third drainage pathway that was sampled flows north towards the Saad Site. Three samples were collected along this drainage route. The samples consisted of two soil samples (SS-CS-6 and SS-CS-7) and water and sediment samples collected from location SS-CS-8.

The water sample (SS-CS-8) contained one organic compound, prometon, which was not quantified (Table XI). The inorganic analyses detected seven metals, four of which are priority pollutants (Table IX).

The soil (SS-CS-7 and SS-CS-6) and sediment (SS-CS-8) samples contained few organic compounds (Tables XIII and XIV). One compound was found in sample SS-CS-8, four compounds in sample SS-CS-7 and nine in sample SS-CS-6. Five of the compounds detected in sample SS-CS-6 were not quantified. No organic priority pollutants were detected in any of the samples.

In sediments eleven metals (7 priority pollutants) were detected in sediment sample SS-CS-8, nine metals (5 priority pollutants) in sediment sample SS-CS-7 and eight metals (4 priority pollutants) in sediment sample SS-CS-6. Eight of the metals were found in all three samples.

### 3.3 Phase III

#### 3.3.1 Monitoring Wells

Seven monitoring wells were installed in an attempt to assess possible ground water contamination (Figure 4). Five of the wells were placed on the Croft farm downgradient of both the Saad Oil Company and the Radnor Railroad Yards. One well was drilled on the Saad Site and one was drilled in the Radnor Yards. Water samples were taken from six wells and, for quality control purposes, from the tank truck used by the drillers to haul water used in the drilling process. Both the drill rig and augers used in drilling the wells were cleaned before drilling each well to prevent cross-contamination. A water sample could not be collected from monitoring well SS-CF-MW1 because the well failed to recharge after being purged.

Organic analyses detected the presence of 41 total compounds in the samples collected from the six sampled wells (Tables XVI and XVII). Thirteen of the compounds are listed as priority pollutants. Eleven of the compounds were not quantified and ten compounds were not identified. Thirty nine compounds were detected in monitoring well SS-SS-MW7 located on the Saad Oil Company property and ten compounds were found in monitoring well SS-LN-MW6 located in the Radnor Yards owned by L & N Railroad. All of the compounds found in well SS-LN-MW6 were also detected in well SS-SS-MW7. Sixteen compounds were found in samples collected from Croft farm monitoring wells SS-CF-MW2, SS-CF-MW3 SS-CF-MW4 and SS-CF-MW5. However, the nine compounds detected in well SS-CF-MW3 and the six compounds detected in well SS-CF-MW5 were not identified. The single compound identified in well SS-CF-MW2 and five of the eight compounds identified in well SS-CF-4 also were found in well SS-SS-MW7 on the Saad property. Chloroethane and 1,1-dichloroethane were the only compounds common to an offsite well (SS-CF-4) and onsite wells SS-LN-6 and SS-SS-MW7 that had their actual concentrations reported.

Water samples were collected from all the monitoring wells sampled and the Croft farm major spring for special analysis which would detect the presence of diesel fuel. As Table XVIII shows, diesel fuel was detected only in monitoring well SS-SS-MW7 located on the Saad Site. The concentration of the diesel fuel detected in this sample was reported at 55 mg/l. Oil and grease were also found in the same sample at a concentration of 65 mg/l.

The inorganic analysis detected five metals (2 priority pollutants) in well SS-CF-MW4, nine metals in well SS-CF-MW7 (6 priority pollutants) and six metals in wells SS-CF-MW2 (3 priority pollutants), SS-CF-MW3 (3 priority pollutants), SS-CF-MW5 (4 priority pollutants), SS-LN-MW6 (4 priority pollutants) (Table XV). Four metals were common to all six monitoring wells.

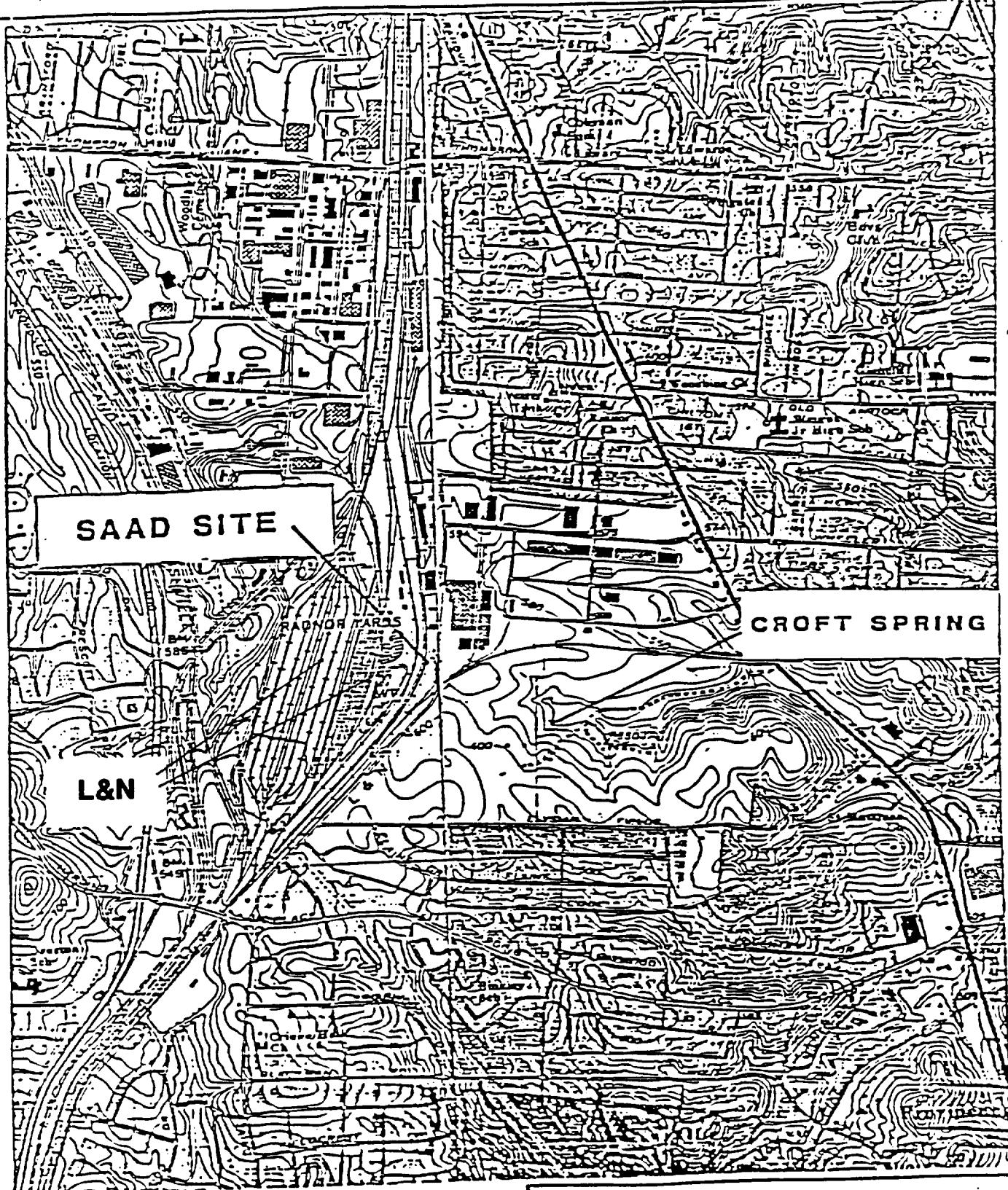
The water samples collected from the tank truck contained two organic compounds and eight metals (Tables XV, and XVI). One of the organic compounds and seven of the metals were detected in some of the monitoring wells.

#### 4.0 METHODOLOGY

All sample collection, sample preservation and chain-of-custody procedures used during this investigation were in accordance with the standard operating procedures as specified in the Water Surveillance Branch Standard Operating Procedures and Quality Assurance Manual (2). All monitoring wells were purged to dryness or until three static volumes of water had been removed. All laboratory analyses and quality assurance procedures used during this investigation were in accordance with the standard procedures and protocols as specified in the Analytical Support Branch Operations and Quality Assurance Manual or as specified by the existing United States Environmental Protection Agency procedures and protocols for the contract analytical laboratory program (3).

## REFERENCES

1. "National Secondary Drinking Water Regulations;" Federal Register (Vol. 44, No. 140); Thursday, July 19, 1979.
2. Water Surveillance Branch Standard Operating Procedures and Quality Assurance Manual (Draft); U.S. Environmental Protection Agency, Region IV, Environmental Services Division; August 29, 1980.
3. Analytical Support Branch Operations and Quality Assurance Manual; U.S. Environmental Protection Agency, Region IV, Environmental Services Division; April 1982.



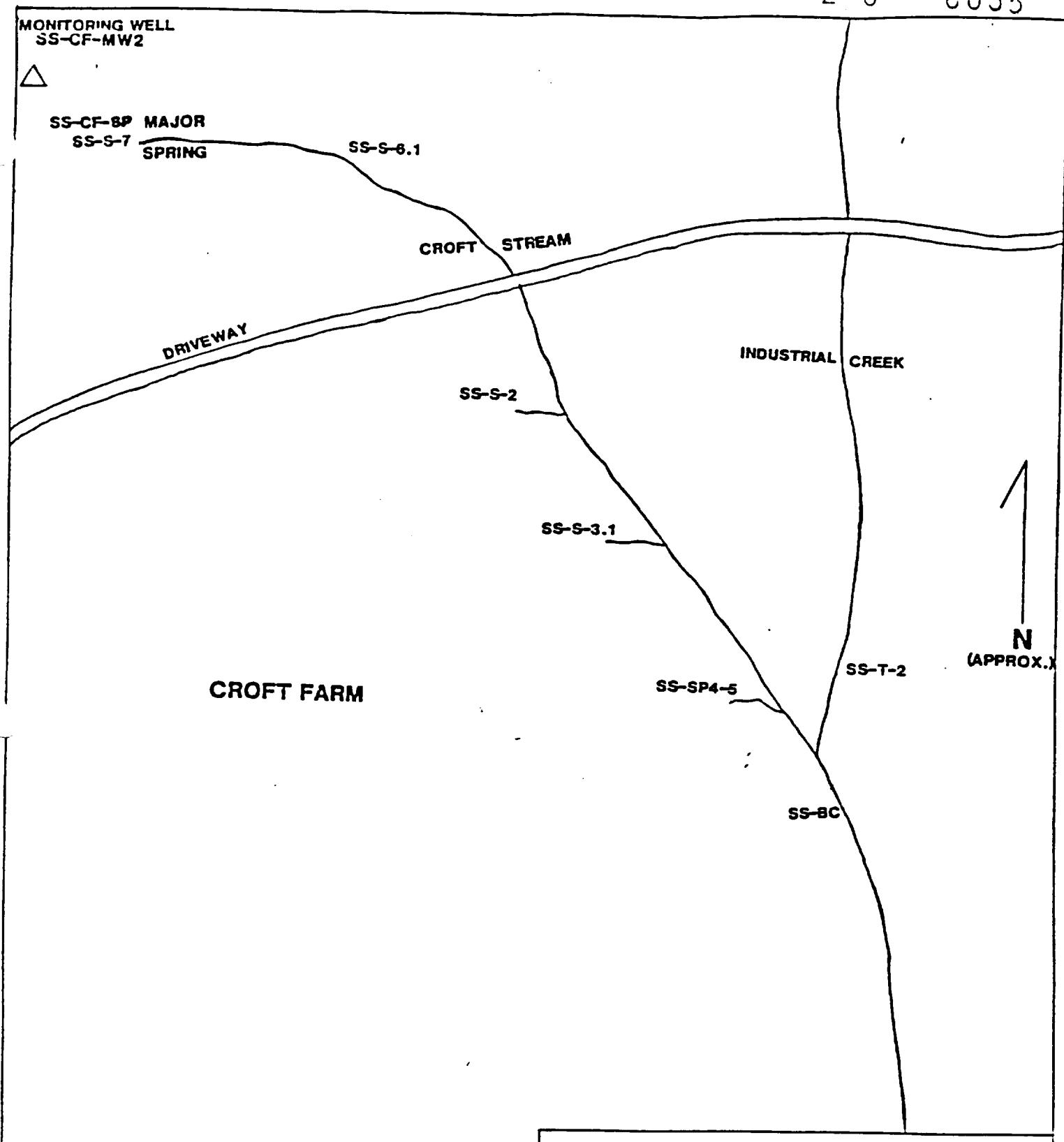
0 2000 FEET  
SCALE

REFERENCE: ANTIOCH AND OAK HILL  
TOPOGRAPHIC QUADRANGLE MAPS



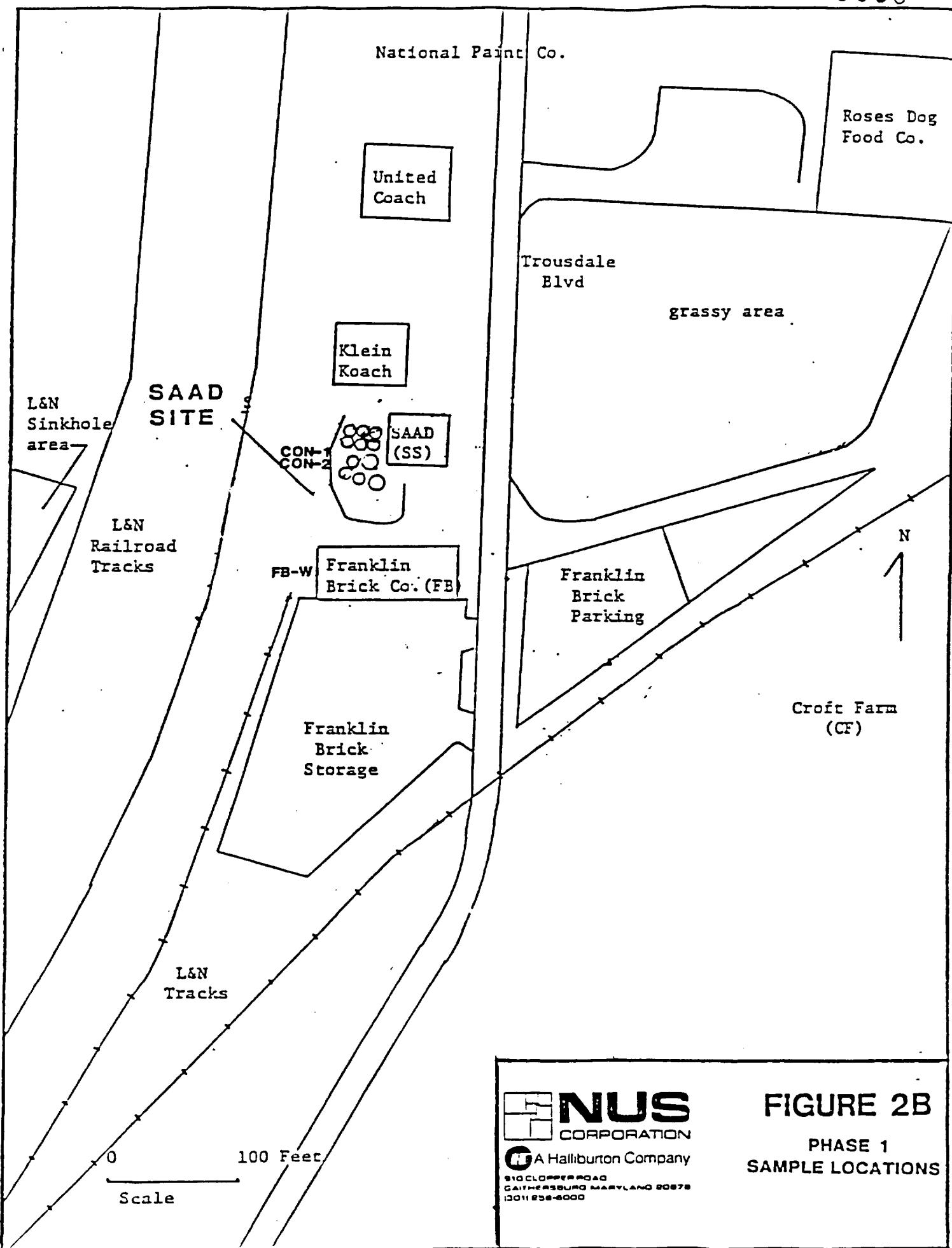
**FIGURE 1**  
**LOCATION OF**  
**SAAD SITE**

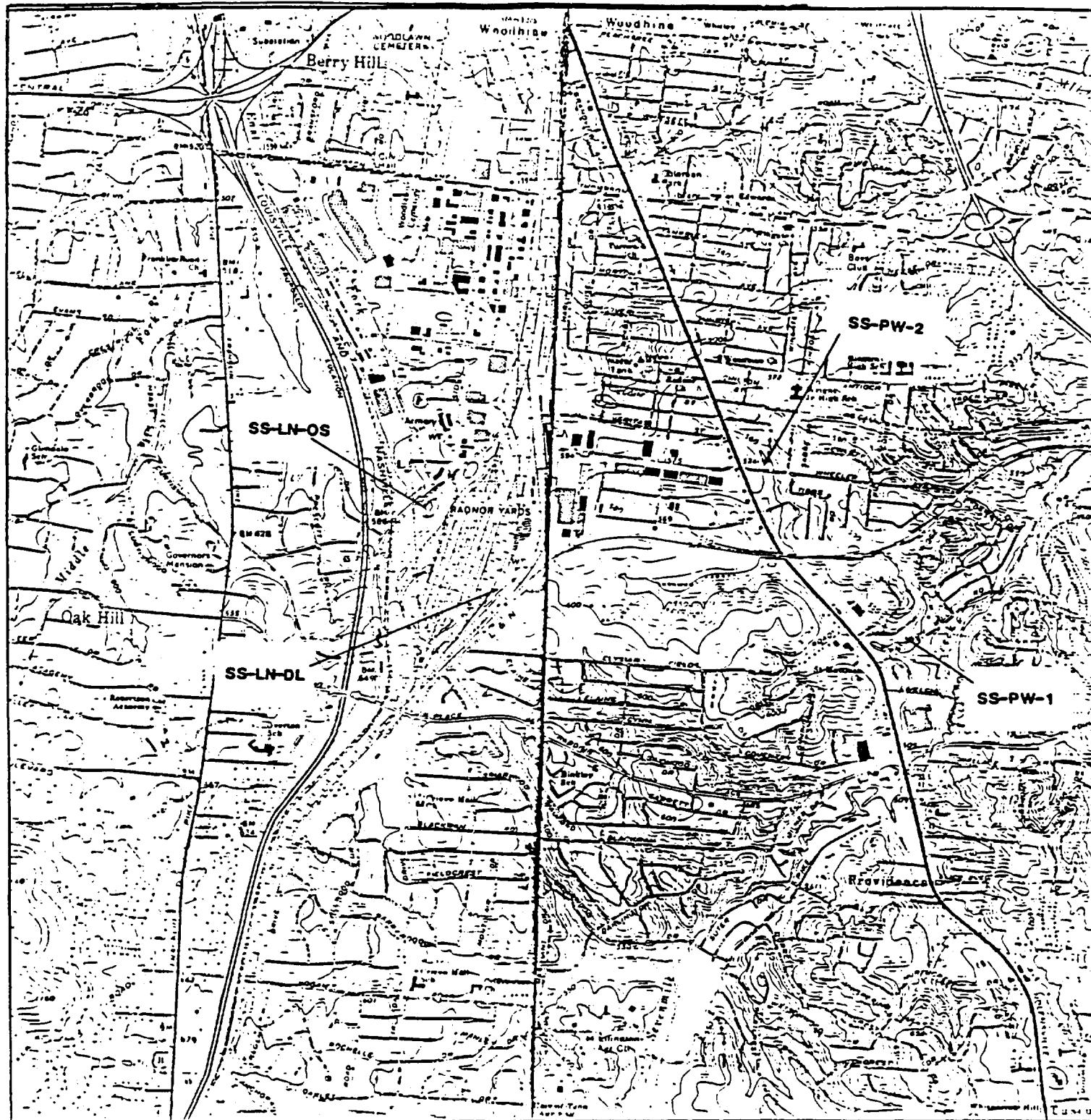
2 8 0035



**FIGURE 2A**  
**PHASE 1**  
**SAMPLE LOCATIONS**

FIELD SKETCH  
NOT TO SCALE





1  
N

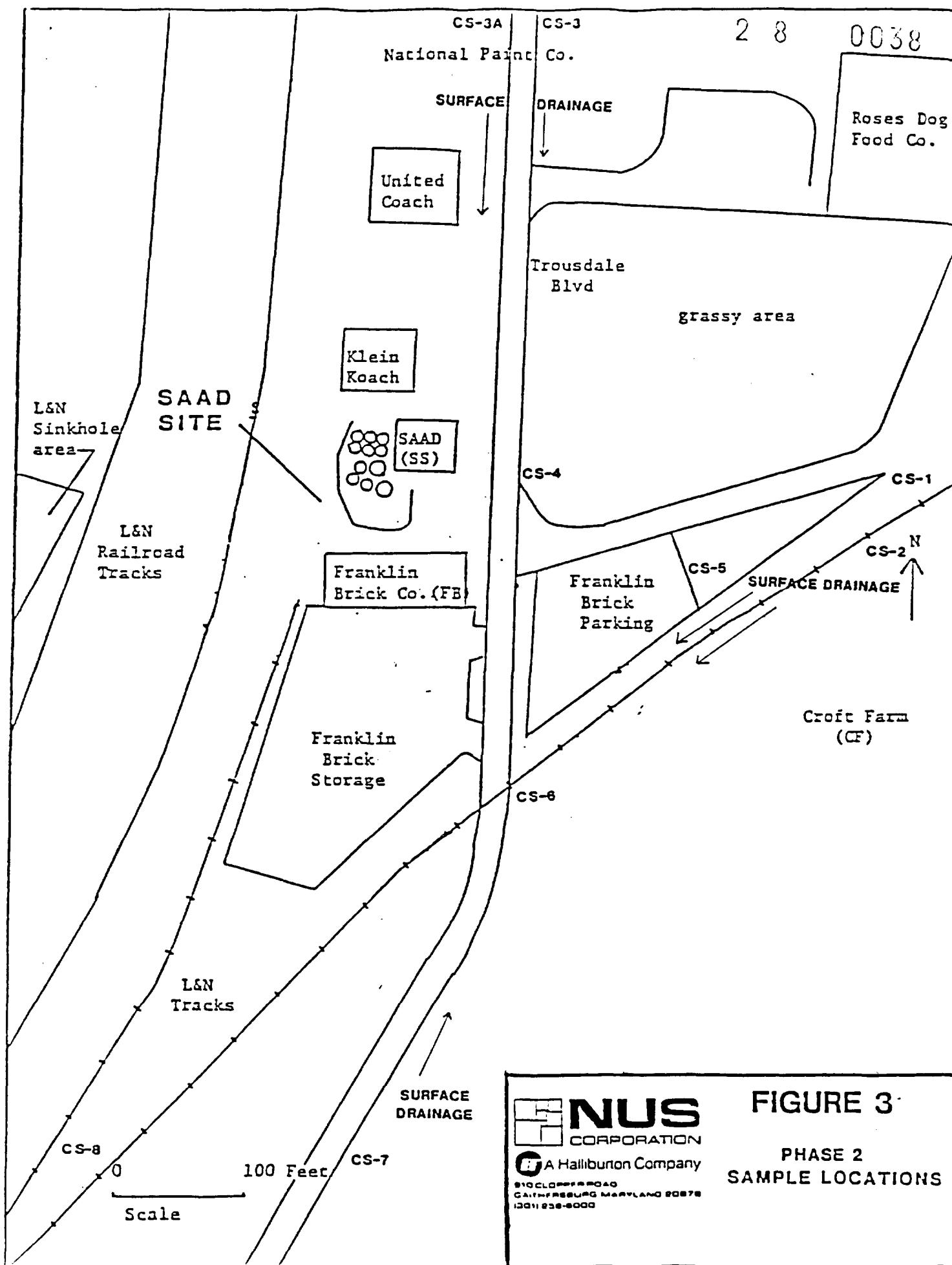


**NUS**  
CORPORATION

H Halliburton Company  
910 CLOPPER ROAD  
GAITHERSBURG, MARYLAND 20878  
301/258-8000

**FIGURE 2C**

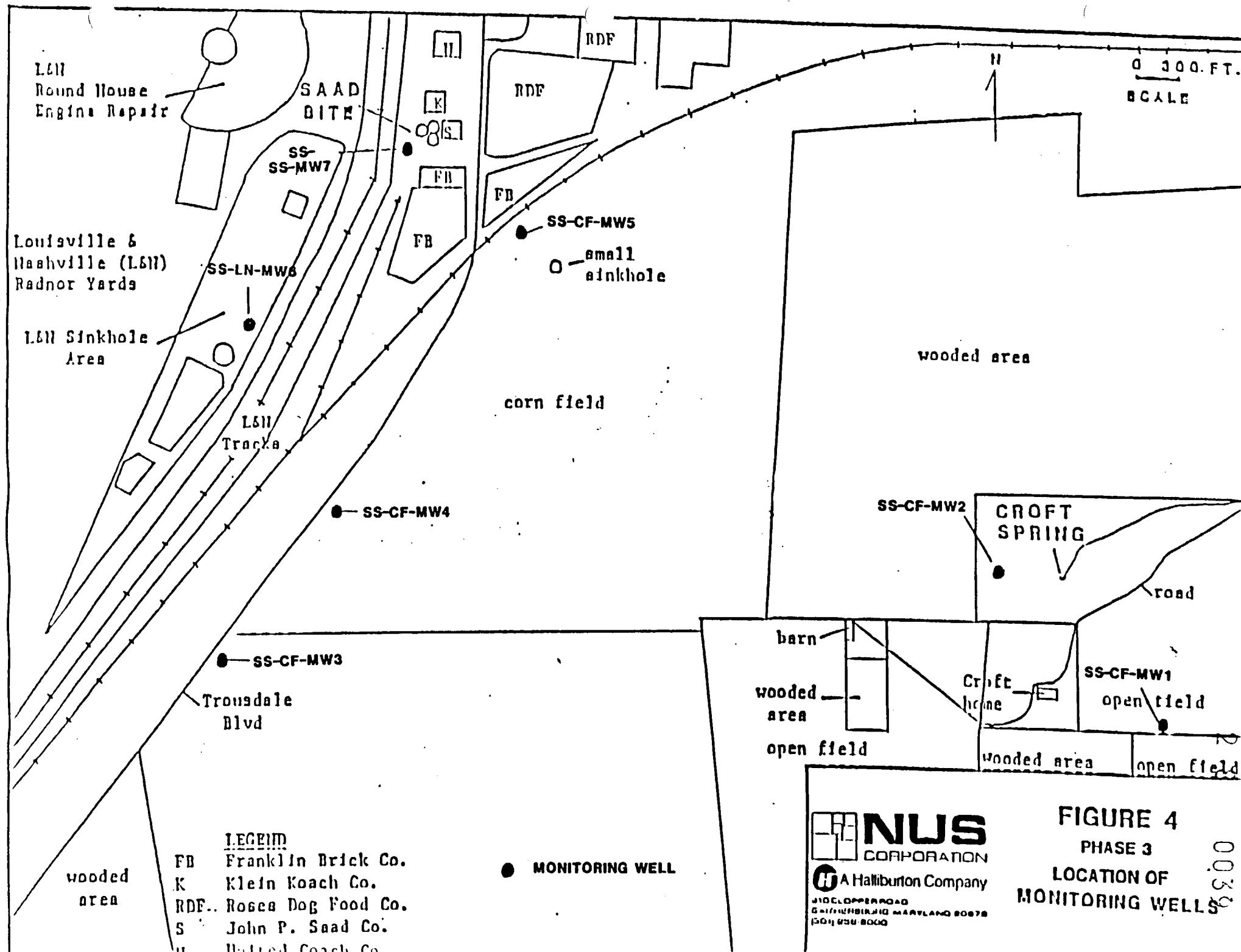
**PHASE 1  
SAMPLE LOCATIONS**



**NUS**  
 CORPORATION  
 A Halliburton Company  
 810 CLOPPER ROAD  
 CANTERBURY MARYLAND 20878  
 301/238-6000

**FIGURE 3**

**PHASE 2  
SAMPLE LOCATIONS**



**Table I**  
**Saad Site**  
**Nashville, Tennessee**

**SAMPLE CODES, DESCRIPTIONS AND LOCATIONS**

<u>CODE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
<b><u>PHASE I:</u></b>		
SS-PW-1W	Water	Newman's Private Well
SS-PW-2W	Water	Lankford's Private Well
SS-FB-W	Water	Behind Franklin Brick
SS-LN-DL-W	Water	Secondary Drainage Lagoon Radnor Railroad Yard
SS-LN-DL-S	Sediment	Secondary Drainage Lagoon Radnor Railroad Yard
SS-LN-OS-W-	Water	Oil Separator Radnor Railroad Yard
SS-LN-OS-S	Sediment	Oil Separator Radnor Railroad Yard
SS-CON-1S	Soil	18" below surface behind Saad Oil Company
SS-CON-2S	Soil	6' below surface behind Saad Oil Company
SS-S-6.1-W	Water	Ground seepage near big spring on Croft farm
SS-S-6.1-S	Sediment	Ground seepage near big spring on Croft farm
SS-S-2-W	Water	Side spring near spring S-2 on Croft farm
SS-S-2-S	Sediment	Side spring near spring S-2 on Croft farm
SS-S-3.1-W	Water	Second spring on Croft farm
SS-S-3.1-S	Sediment	Second spring on Croft farm
SS-SP4-5-W	Water	Side stream near spring on Croft farm
SS-SS-SP4-5S	Sediment	Side stream near spring on Croft farm

TABLE 1 (continued)

<u>CODE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
SS-T-2-W	Water	Industrial creek north of Croft farm*
SS-T-2-S	Sediment	Industrial creek north of Croft farm*
SS-BC-W	Water	Below confluence of Croft spring and industrial creek*
SS-BC-S	Sediment	Below confluence of Croft spring and industrial creek*
SS-S-7-W	Water	Major spring on Croft farm (Croft spring)
SS-S-7-S	Sediment	Major spring on Croft farm (Croft spring)
SS-CF-SP*	Water	Major spring on Croft farm (Croft spring)
SS-CS-1	Composite Soil	Intersection of Vulcan & McNalley Drive, north of railroad track
SS-CS-2	Composite Soil	Intersection of Vulcan & McNalley Drive, south of railroad track
SS-CS-3	Composite Soil	Low point east of Trousdale Blvd. at SW corner of Kabinart Corporation
SS-CS-3A	Composite Soil	Drainage ditch west of Trousdale Blvd. across from SS-CS-3
SS-CS-4	Composite Soil	Sink hole across Trousdale Blvd. from Saad site
SS-CS-5S	Sediment	Low point behind fenced area across from Saad Oil Company
SS-CS-5W	Water	Low point behind fenced area across from Saad Oil Company

TABLE I (continued)

<u>CODE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
SS-CS-6	Composite Soil	Drainage ditch on Croft Farm at corner of railroad track Trousdale Road
SS-CS-7	Composite Soil	Drainage ditch on eastern side of Trousdale Road at culvert mouth
SS-CS-8W	Water	Ditch west of Trousdale Road south of Saad site
SS-CS-8S	Sediment	Ditch west of Trousdale Road south of Saad site
		PHASE III (Figure 4)
SS-WT-1	Water	Tank truck used by driller
SS-CF-MW2	Water	Monitoring well No. 2 on Croft Farm
SS-CF-MW3	Water	Monitoring well No. 3 on Croft Farm
SS-CF-MW4	Water	Monitoring well No. 4 on Croft Farm
SS-CF-MW5	Water	Monitoring well No. 5 on Croft Farm
SS-LN-MW6	Water	Monitoring well on L&N property
SS-SS-MW7	Water	Monitoring well on Saad property

\* Sample actually taken during Phase III but is included with the other samples collected from the spring in Phase I.

**Table II**  
**Saad Site - Phase I**  
**Water Samples**  
**Inorganic Analysis**  
**(in ug/l)**

Element	SS-PW-1/W	SS-PW-2/W	SS-FB-W	SS-LN-DL/W	SS-LN-OS/W	SS-CF-SP	SS-S-7/W	SS-S-6.1/W	SS-S-2/W	SS-S-3.1/W	SS-SP4-5/W	SS-T-2/W	SS-BC/W
Barium	-	-	580	21	-	-	-	121	14	-	-	-	-
Cadmium*	-	-	-	-	-	-	3	-	-	-	-	-	-
Copper*	5	17	22	38	-	-	-	-	-	-	-	-	-
Lead*	-	-	-	-	-	22	-	-	-	-	-	-	-
Strontium	341	144	530	113	278	-	160	104	140	85	91	171	163
Titanium	3	10	230	13	-	-	-	278	21	-	10	-	10
Vanadium	-	-	33	-	-	-	-	13	-	-	-	-	-
Yttrium	-	-	17	-	-	-	-	11	-	-	-	-	-
Zinc*	22	267	95	78	-	-	-	20	-	-	-	-	10
Aluminum	130	400	39,000	500	100	-	100	11,000	-	-	500	200	200
Manganese	10	46	1,400	77	2,200	3,200	2,400	1,400	-	-	72	170	170
Calcium	54,000	70,000	250,000	36,000	96,000	-	90,000	102,000	84,000	61,000	72,000	99,000	92,000
Magnesium	10,000	6,600	26,000	5,400	9,700	-	6,500	6,600	6,200	4,900	5,000	6,600	6,200
Iron	900	300	22,000	900	700	5,300	26,000	12,000	1,000	-	200	100	200
Sodium	4,500	9,000	19,000	12,000	31,000	-	11,000	12,000	9,000	4,000	10,000	10,000	9,000
Cyanide*	<2	<2	20	<2	10	-	<2	<2	<2	<2	<2	<2	<2

- Material was analyzed for but not detected

\* Priority Pollutant

**Table III**  
**Saad Site - Phase I**  
**Water Samples**  
**Purgeable Organic Analysis**  
**(in ug/l)**

Compound	SS-PW-1/W	SS-PW-2/W	SS-FB-W(2)	SS-LN-D1/W	SS-LN-OS/W	SS-CF-SP	SS-S-7/W	SS-S-6.1/W(3)	SS-S-2/W	SS-S-3.1/W	SS-SP4/5/W(1)	SS-T-2/W	SS-BC/W
Chloroethane*	-	-	5.3	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane*	-	-	5.1	-	16	-	2 J	22	-	-	-	2 J	2 J
Trans-1,2-Dichloroethene	64	-	8.5	-	20	-	-	3 J	-	-	-	0.9 J	-
Chloroform*	-	-	-	-	3	-	0.5 J	-	-	0.8 J	0.5 J	0.6 J	0.5 J
1,1,1-Trichloroethane*	-	-	-	-	50	-	-	3 J	-	-	-	5 J	3 J
Bromodichloromethane	-	-	-	0.8 J	-	-	-	-	-	-	-	-	-
Trichloroethene	-	-	0.5 J	-	-	-	0.6 J	-	-	-	-	1 J	0.7 J
Benzene*	-	-	4 J	-	-	-	-	-	-	NA	-	-	-
Tetrachloroethene	-	0.6 J	-	-	-	-	-	-	-	-	0.9 J	12	9
Toluene*	-	-	230 J	-	-	-	-	-	-	NA	-	-	-
Chlorobenzene*	-	-	-	-	-	-	2 J	-	-	-	NA	-	-
Ethyl Benzene*	-	-	9.2 J	-	-	-	-	-	-	-	NA	-	-
M-Xylene	-	-	32 J	-	-	NA	-	-	-	-	NA	-	-
OxP-Xylene(mixed)	-	-	40 J	-	-	NA	-	-	-	-	NA	-	-
2-methyl-2-methylpropane	-	5 J N	-	-	-	-	-	-	-	-	-	-	-

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Table III (continued)  
 Saad Site - Phase I  
 Water Samples  
 Purgeable Organic Analysis  
 (in ug/l)

Compound	SS-PW-1/W	SS-PW-2/W	SS-FB-W(2)	SS-LN-DL/W	SS-LN-OS/W	SS-CF-SP	SS-S-7/W	SS-S-6.1/W(3)	SS-S-2/W	SS-S-3.1/W	SS-SP4/5/W(1)	SS-T-2/W	SS-BC/W
total unidentified alkylhydrocarbons	-	-	20 J						-	-	-	-	-
methyl isobutyl ketone	-	-	30 JN						-	-	-	-	-
Vinyl Chloride*	-	-	4 J						-	-	-	-	-

(1) For station SP4-5/W, acid preserved sample was lost during analysis.

(2) No acid preserved sample.

(3) Holding time exceeded.

J Estimated value.

N Presumptive evidence of presence of material.

NA Compound not analyzed for.

\* Priority pollutant.

**Table IV**  
**Saad Site - Phase I**  
**Water Samples**  
**Extractable Organic Analysis**  
**(in ug/l)**

Compound	PW-1/W	PW-2/W	FB/W	LN-DL/W	LN-OS/W	CF-SP(1)	S-7/W	S-6.1/W	S-2/W	S-3.1/W	SP4/5/W	T-2/W	BC/W
Acenaphthene*	-	-	1.0 J	-	-	-	-	-	-	-	-	-	-
Flouranthene*	-	-	1.0 J	-	-	-	-	-	-	-	-	-	-
Pyrene*	-	-	1.0 J	-	-	-	-	-	-	-	-	-	-
Chrysene*	-	-	-	5 J	-	-	-	-	-	-	-	-	-
Benzo(6HI)Perylene*	-	-	-	14 J	-	-	-	-	1.0 J	-	-	-	-
2,4-Dimethylphenol*	-	-	3.8 J	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol*	-	-	-	84 J	-	-	-	-	1.0 J	-	-	-	-
Naphthaleneamine (3 isomers)	-	-	25 JN	-	-	-	-	-	-	-	-	-	-
C <sub>3</sub> Alkylbenzenesulfo- Namide	-	-	10 JN	-	-	-	-	-	1.0 J	-	-	-	-
Phosphoric acid, tributyl ether	-	-	10 JN	-	-	-	-	-	-	-	-	-	-
C <sub>5</sub> Alkylbenzenesulfo- namide	-	-	10 JN	-	-	-	-	-	1.0 J	-	-	-	-
Hexadecanoic Acid	-	-	10 JN	-	-	-	10 JN	-	-	10 JN	-	-	-
Methylphenol	-	-	10 JN	-	-	-	-	-	1.0 J	-	-	-	-

**Table IV (continued)**  
**Saad Site - Phase I**  
**Water Samples**  
**Extractable Organic Analysis**  
 (in ug/l)

Compound	PW-1/W	PW-2/W	FB/W	LN-DL/W	LN-OS/W	CF-SP(1)	S-7/W	S-6.1/W	S-2/W	S-3.1/W	SP4/5/W	T-2/W	BC/W
C <sub>3</sub> Alkylnaphthalene (2 isomers)	-	-	-	50 JN	-	-	-	-	-	-	-	-	-
Dibenzothiophene	-	-	-	50 JN	-	-	-	-	-	-	-	-	-
Methyldibenzothiophene (2 isomers)	-	-	-	50 JN	-	-	-	-	-	-	-	-	-
C <sub>2</sub> Alkylnaphthothiophene (2 isomers)	-	-	-	50 JN	-	-	-	-	-	-	-	-	-
C <sub>2</sub> Alkylphenanthrene	-	-	-	50 JN	-	-	-	-	1.0 J	-	-	-	-
Tetrahydromethylnaphthalene (2 isomers)	-	-	-	-	15 JN	-	-	-	-	-	-	-	-
C <sub>2</sub> Alkylnaphthalene (2 isomers)	-	-	-	-	10 JN	-	-	-	1.0 J	-	-	-	-
Octahydrohexamethyl- lindene	-	-	-	-	21 JN	-	-	-	-	-	-	-	-
C <sub>3</sub> Alkylnaphthalene (7 isomers)	-	-	-	-	50 JN	-	-	-	1.0 J	-	-	-	-
C <sub>4</sub> Alkylnaphthalene (5 isomers)	-	-	-	-	150 JN	-	-	-	-	-	-	-	-
C <sub>2</sub> Alkylbiphenyl	-	-	-	-	10 JN	-	-	-	1.0 J	-	-	-	-

**Table IV (continued)**  
**Saad Site - Phase I**  
**Water Samples**  
**Extractable Organic Analysis**  
 (in ug/l)

Compound	PW-1/W	PW-2/W	FB-W	LN-DL/W	LN-OS/W	CF-SP(1)	S-7/W	S-6.1/W	S-2/W	S-3.1/W	SP4/5/W	T-2/W	BC/W
Methyldibenzothiophene	-	-	-	-	20 JN	-	-	-	-	-	-	-	-
Methylphenanthrene	-	-	-	-	10 JN	-	-	-	-	-	-	-	-
C <sub>2</sub> alkylphenanthrene (4 isomers)	-	-	-	-	40 JN	-	-	-	-	-	-	-	-
C <sub>2</sub> Alkylphenanthrene (4 isomers)	-	-	-	-	10 JN	-	-	-	-	-	-	-	-
Methylpyrene	-	-	-	-	10 JN	-	-	-	-	-	-	-	-
Bromoethylmethylpropyl-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethylbenzenesulfonamide	-	-	-	-	-	-	-	-	10 JN	-	-	-	-
Petroleum Type Product	-	-	-	-	NQ	-	-	-	-	-	-	-	-
Unidentified Compounds <sup>(2)</sup>	-	-	2	-	-	-	-	-	-	1	1	-	-

- Material was analyzed for but not detected.

J Estimated value.

N Presumptive evidence of presence of material.

NQ Material not quantified.

(2) For station CF-SP, quantity for phenals is suspect based on QC data.

(2) Recorded in number of compounds detected not ug/l.

\* Priority pollutant.

**Table V**  
**Saad Site - Phase I**  
**Soil/Sediment Samples**  
**Inorganic Analysis**  
**(in ug/kg)(1)**

Element	SS-LN-D4S	SS-LN-OS/S	SS-CON-1S	SS-CON-2S	SS-S-7/S	SS-S-6.1/S	SS-S-2/S	SS-S-3.1/S	SS-SP4-5/S	SS-T-2/S	SS-BC/S	SS-CF-SP
Silver*	-	-	8,400									1,700
Arsenic*	-	-	-									1,500
Barium	56,000	100,000	250,000	240,000	250,000	220,000	330,000	190,000	90,000	130,000	130,000	35,000
Cadmium*	1,000	-	31,000	-	-	-	-	-	-	-	-	1,000
Cobalt	-	-	-	-	-	-	NA	NA	-	NA	NA	5,500
Chromium*	10,000	25,000	180,000	34,000	30,000	20,000	26,000	18,000	15,000	11,000	15,000	8,800
Copper*	24,000	69,000	170,000	26,000	17,000	7,600	5,000	6,000	4,400	5,000	13,000	-
Nickel*	4,600	10,000	96,000	20,000	-	12,000	12,000	9,000	8,000	7,000	6,500	8,900
Lead*	26,000	82,000	410,000	100,000	-	21,000	16,000	15,000	9,000	46,000	140,000	2,200
Tin	-	-	40,000	-	-	-	-	-	-	-	-	-

**Table V (continued)**

**Saad Site - Phase I**

**Soil/Sediment Samples**

**Inorganic Analysis**

(in ug/kg)<sup>(1)</sup>

Element	SS-LN-D4/S	SS-LN-OS/S	CON-1/S	SS-CON-2/S	SS-S-7/S	SS-S-6.1/S	SS-S-2/S	SS-S-3.1/S	SS-SP4-5/S	SS-T-2/S	SS-BC/S	SS-CF-SP
Strontium	62,000	290,000	140,000	230,000	370,000	150,000	280,000	310,000	100,000	-	330,000	NA
Tellurium	-	-	-	-	-	-	-	-	-	-	-	-
Titanium	64,000	140,000	74,000	120,000	180,000	390,000	560,000	130,000	140,000	-	120,000	NA
Zinc*	70,000	69,000	860,000	150,000	31,000	42,000	50,000	59,000	22,000	22,000	58,000	12,000
Mercury*	NAI	-	NA	NA	-	190	120	-	250	-	-	-
Thallium*	-	-	-	-	-	-	-	-	-	110,000	-	-
Aluminum	3,500,000	9,400,000	9,800,000	19,000,000	19,000,000	19,000,000	20,000,000	14,000,000	15,000,000	9,900,000	12,000,000	2,000,000
Manganese	170,000	840,000	680,000	1,200,000	5,500,000	640,000	5,100,000	7,200,000	780,000	2,000,000	1,800,000	5,600,000

**Table V (continued)**  
**Saad Site - Phase I**  
**Soil/Sediment Samples**  
**Inorganic Analysis**  
**(in ug/kg)(1)**

Element	SS-LN-D4/S	SS-LN-OS/S	CON-1/S	SS-CON-2/S	SS-S-7/S	SS-S-6.1/S	SS-S-2/S	SS-S-3.1/S	SS-SP4-5/S	SS-T-2/S	SS-BC/S	SS-CF-SP
Iron	8,400,000	22,000,000	18,000,000	25,000,000	88,000,000	18,000,000	32,000,000	18,000,000	14,000,000	17,000,000	2,200,000	10,000,000
Sodium	230,000	550,000	680,000	450,000	1,100,000	300,000	490,000	880,000	370,000	490,000	590,000	NA
Cyanide*	200	200	-	-	200	200	200	200	200	200	200	-

- Material was analyzed for but not detected.

NA Element not analyzed for.

J Estimated value.

NAI Interferences

\* Priority

Actual value is known to be less than value given.

(1) Dry Weight

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**Table VI**  
**Saad Site - Phase I**  
**Soil/Sediment Samples**  
**Purgeable Organic Analysis**  
 (in ug/kg)<sup>(3)</sup>

Compound	SS-LN-DL/S	SS-LN-OS/S	SS-CON-1S	SS-CON-2S	SS-S-7/S	SS-S-6.1/S	SS-S-2/S	SS-S-3.1/S	SS-SP4-5S	SS-T-2/S	SS-BC/S	SS-CF-SP
1,1-Dichloroethane*	290	3J	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane*	450	4J	3,000J	-	-	-	-	-	-	-	-	-
Trichloroethene	4J	-	65,000	2,000J	-	-	-	-	-	-	-	-
Tetrachloroethene	-	-	14,000	-	-	-	-	-	3J	3J	4J	-
Toluene*	78	-	270,000	16,000	-	-	-	-	-	-	-	-
Ethyl Benzene*	130	-	-	-	-	-	-	-	-	-	-	-
M-Xylene	310	-	170,000	4,000J	-	-	-	-	-	-	-	NA
O & P-Xylene (mixed)	260	-	120,000	4,000J	-	-	-	-	-	-	-	2

**Table VI (continued)**  
**Saad Site - Phase I**  
**Soil/Sediment Samples**  
**Purgeable Organic Analysis**  
**(in ug/kg)(3)**

Compound	SS-LN-DL/S	SS-LN-OS/S	SS-CON-1S	SS-CON-2S	SS-S-7/S	SS-S-6.1/S	SS-S-2/S	SS-S-3.1/S	SS-SP4-5S	SS-T-2/S	SS-BC/S	SS-CF-SP
Isopropanol	10JN	-			-	-	-	-	-	-	-	-
Methylethyl Ketone	500JN	-	-	-	-	-	-	-	-	-	-	-
Methyl Isopropyl Ketone	30JN	-	-	-	-	-	-	-	-	-	-	-
Methyl Butyl Ketone	30JN	-	-	-	-	-	-	-	-	-	-	-
Methyl Isobutyl Ketone	300JN	-	-	-	-	-	-	-	-	-	-	-
Total Unidentified Alkyl Hydrocarbons	6,800J	1,000J	1,700,000J	180,000J	1,100J	-	-	-	-	-	-	-
Unidentified Terpene	-	30J	-	-	50J	-	-	-	-	-	-	-
Tricyclodecane	-	-	-	-	-	-	-	-	-	-	-	-

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Table VI (continued)

Saad Site - Phase I

## Soil/Sediment Samples

Purgeable Organic Analysis  
(in ug/kg)<sup>(3)</sup>

Compound	SS-LN-DL/S	SS-LN-OS/S	SS-CON-IS	SS-CON-2S	SS-S-7/S	SS-S-6.1/S	SS-S-2/S	SS-S-3.1/S	SS-SP4-5S	SS-T-2/S	SS-BC/S	SS-CF-SP
Trimethylcyclohexane	-	-	-	-	-	-	-	-	-	-	-	-
Unidentified Compounds	-	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	250,000	-	-	-	-	-	-	-	-	-
Trans-1,2-Dichloroethene	-	-	13,000	12,000	-	-	-	-	-	-	-	-
Isooctanol	-	-	180,000JN	18,000JN	-	-	-	-	-	-	-	-
C <sub>9</sub> Alcohol (isomer unknown)	-	-	37,000J	14,000J	-	-	-	-	-	-	-	-

**Table VI (continued)**  
**Saad Site - Phase I**  
**Soil/Sediment Samples**  
**Purgeable Organic Analysis**  
**(in ug/kg)(3)**

Compound	SS-LN-DL/S	SS-LN-OS/S	SS-CON-1S	SS-CON-2S	SS-S-7/S	SS-S-6.1/S	SS-S-2/S	SS-S-3.1/S	SS-SP4-5S	SS-T-2/S	SS-BC/S	SS-CF-SP
Decanol	-	-	220,000JN	21,000JN	-	-	-	-	-	-	-	-

\* Priority pollutants.

- Material was analyzed for but not detected.

J Estimated value.

N Presumptive evidence of presence of material

NA Compound not analyzed for.

(1) Unidentified compounds recorded as number of compounds detected, ug/kg.

(2) The data is suspect based on quality control information.

(3) Dry weight.

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**Table VII**  
**Saad Site - Phase I**  
**Soil/Sediment Samples**  
**Extractable Organic Analysis**  
**(in ug/kg)(1)**

Compound	SS-LN-DL/S	SS-LN-OS/S	SS-CON-1S	SS-CON-2S	SS-S-7/S	SS-S-6.1/S	SS-S-3.1/S	SS-SP4/5S	SS-T-2/S	SS-BC/S	SS-CF-SP
Naphthalene*	5,400J	2,000J	-	-	-	-	-	-	-	-	-
Acenaphthene*	4,600J	-	-	-	-	-	-	1,400J	-	-	-
Flourene*	12,000J	4,500J	-	-	-	-	-	1,400J	-	-	-
Phenanthrene*	36,000J	18,000J	-	-	-	-	-	2,500J	-	-	-
Anthracene	-	2,000J	-	-	-	-	-	1,400J	-	-	-
Flouranthene*	4,600J	3,400J	-	-	-	-	-	1,300J	-	-	-
Pyrene*	7,500J	9,000J	-	-	-	-	-	3,900J	-	-	-
Benzo(A)Anthracene*	-	2,000J	-	-	-	-	-	1,400J	-	-	-

**Table VII (continued)**  
**Saad Site - Phase I**  
**Soil/Sediment Samples**  
**Extractable Organic Analysis**  
**(in ug/kg)(1)**

Compound	SS-LN-DL/S	SS-LN-OS/S	SS-CON-1S	SS-CON-2S	SS-S-7/S	SS-S-6.1/S	SS-S-3.1/S	SS-SP4/5S	SS-T-2/S	SS-BC/S	SS-CF-SP
Chrysene*	4,600J	2,000J	-	-	-	-	-	-	1,400J	-	-
Benzo(B)Flouranthene	-	2,000J	-	-	-	-	-	-	1,400J	-	-
Benzo(K)Flouranthene*	-	2,000J	-	-	-	-	-	-	1,400J	-	-
Benzo-A-Pyrene*	-	-	-	-	-	-	-	-	1,400J	-	-
Benzo(GHI)Perylene*	-	-	-	-	-	-	-	-	2,500J	-	-
Pentachlorophenol*	-	-	-	-	-	2,700J	520J	-	-	-	-
C <sub>2</sub> Alkylstyrene	46,000JN	-	-	-	-	-	-	-	-	-	-
C <sub>3</sub> Alkylstyrene (3 isomers)	46,000JN	-	-	-	-	-	-	-	-	-	-

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Table VII (continued)

Saad Site - Phase I

Soil/Sediment Samples

Extractable Organic Analysis  
(in ug/kg)(1)

Compound	SS-LN-DL/S	SS-LN-0S/5	SS-CON-1S	SS-CON-2S	SS-S-7/S	SS-S-6.1/S	SS-S-3.1/S	SS-SP4/5S	SS-T-2/S	SS-BC/S	SS-CF-SP
Methylnaphthalene (2 isomers)	50,000JN	-									
C <sub>2</sub> Alkylnaphthalene (5 isomers)	110,000JN	-	-								
C <sub>3</sub> Alkylnaphthalene (7 isomers)	120,000JN	70,000JN	-								
C <sub>4</sub> Alkylnaphthalene (4 isomers)	80,000JN	-	-								
Dimethyltetrahydronaphthalene (2 isomers)	46,000JN	-	-	-	-	-	-	-	-	-	-
Methylbiphenyl (2 isomers)	46,000JN	-	-	-	-	-	-	-	-	-	-

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Table VII (continued)

Saad Site - Phase I

Soil/Sediment Samples

Extractable Organic Analysis  
(in ug/kg)(1)

Compound	SS-LN-DL/S	SS-LN-OS/S	SS-CON-IS	SS-CON-2S	SS-S-7/S	SS-S-6.1/S	SS-S-3.1/S	SS-SP4/5S	SS-T-2/S	SS-BC/S	SS-CF-SP
C <sub>2</sub> Alkylflourene (4 isomers)	50,000JN	-	-	-	-	-	-	-	-	-	-
Dibenzothiophene	60,000JN	-	-	-	-	-	-	-	-	-	-
Methylphenanthrene (3 isomers)	70,000JN	-	-	-	-	-	-	-	-	-	-
C <sub>2</sub> alkylphenanthrene (5 isomers)	50,000JN	26,000JN	-	-	-	-	-	-	-	-	-
C <sub>3</sub> Alkyphenanthrene	46,000JN	-	-	-	-	-	-	-	-	-	-
Dimethylnaphthothiophene	50,000JN	-	-	-	59,000JN	-	-	-	-	-	-
C <sub>4</sub> Alkylbenzene	-	20,000JN	-	-	-	-	-	-	-	-	∞

Table VII (continued)

Saad Site - Phase I

Soil/Sediment Samples

Extractable Organic Analysis  
(in ug/kg)(1)

Compound	SS-LN-DL/S	SS-LN-OS/S	SS-CON-1S	SS-CON-2S	SS-S-7/S	SS-S-6.1/S	SS-S-3.1/S	SS-SP4/5S	SS-T-2/S	SS-BC/S	SS-CF-SP
C <sub>5</sub> Alkylbenzene (3 isomers)	-	20,000JN	-	-	-	-	-	-	-	-	-
Methyldecahydronaphthalene	-	20,000JN	-	-	-	-	-	-	-	-	-
C <sub>3</sub> Alkylstyrene (2 isomers)	-	20,000JN	-	-	-	-	-	-	-	-	-
C <sub>4</sub> Alkylstyrene (4 isomers)	-	26,000JN	-	-	-	-	-	-	-	-	-
Methylnaphthalene	-	20,000JN	-	-	-	-	-	-	-	-	-
C <sub>2</sub> Alkylnaphthalene (3 isomers)	-	60,000JN	-	-	-	-	-	-	-	-	-

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Table VII (continued)

Saad Site - Phase I

Soil/Sediment Samples

Extractable Organic Analysis

(in ug/kg)(1)

Compound	SS-LN-DL/S	SS-LN-OS/S	SS-CON-IS	SS-CON-ZS	SS-S-7/S	SS-S-6.1/S	SS-S-3.1/S	SS-SP4/5S	SS-T-2/S	SS-BC/S	SS-CF-SP
C <sub>4</sub> Alkylnaphthalene (7 isomers)	-	70,000JN									
C <sub>2</sub> Alkylbiphenyl (2 isomers)	-	26,000JN									
Methyldibenzofuran	-	20,000JN									
Methylflourene	-	26,000JN									
C <sub>2</sub> Alkylflourene	-	20,000JN									
Methylphenanthrene (2 isomers)	-	20,000JN									

**Table VII (continued)**  
**Saad Site - Phase I**  
**Soil/Sediment Samples**  
**Extractable Organic Analysis**  
**(in ug/kg)(1)**

Compound	SS-LN-DL/S	SS-EN-OS/S	SS-CON-JS	SS-CON-2S	SS-S-7/S	SS-S-6.1/S	SS-S-3.1/S	SS-SP4/5S	SS-T-2/S	SS-BC/S	SS-CF-SP
C <sub>3</sub> Alkylphenanthrene (5 isomers)	-	26,000JN	-	-	-	-	-	-	-	-	-
Methylnaphthethiophene	-	20,000JN	-	-	-	-	-	-	-	-	-
Methylflouranthene (2 isomers)	-	20,000JN	-	-	-	-	-	-	-	-	-
Methyl(cyclohexylmethyl)	-	-	-	-	-	59,000JN	-	-	-	-	-
Cyclohexane	-	-	-	-	-	-	-	-	-	-	-
Hexamethyloctahydroindene	-	-	-	-	-	59,000JN	-	-	-	-	-
C <sub>3</sub> Alkylnaphthalene	-	-	-	-	-	59,000JN	-	-	-	-	-
C <sub>4</sub> Alkylnaphthalene (3 isomers)	-	-	-	-	-	59,000JN	-	-	-	-	-

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Table VII (continued)

Saad Site - Phase I

Soil/Sediment Samples

## Extractable Organic Analysis

(in ug/kg)(!)

Compound	SS-LN-DL/S	SS-LN-OS/S	SS-CON-1S	SS-CON-2S	SS-S-7/S	SS-S-6.1/S	SS-S-3.1/S	SS-SP4/5S	SS-T-2/S	SS-BC/S	SS-CF-SP
C <sub>2</sub> Alkylbiphenyl	-	-			59,000JN	-	-	-	-	-	-
Benzothiazole	-	-	-			7,000JN	-	-	-	-	-
Methylthiobenzothiazole	-	-	-			5,000JN	-	-	-	-	-
Dodecanoic Acid	-	-	-	-		5,000JN	-	-	-	-	-
Tetradecanoic Acid	-	-	-	-	-	5,000JN	-	-	-	-	-
Pentadecanoic Acid	-	-	-	-	-	5,000JN	-	-	-	-	-
Hexadecanoic Acid	-	-	-	-	-	12,000JN	-	-	-	-	-

Table VII (continued)

Saad Site - Phase I

Soil/Sediment Samples

Extractable Organic Analysis  
(in ug/kg)(1)

Compound	SS-LN-DL/S	SS-LN-OS/S	SS-CON-1S	SS-CON-2S	SS-S-7/S	SS-S-6.1/S	SS-S-3.1/S	SS-SP4/5S	SS-T-2/S	SS-BC/S	SS-CF-SP
Hexadecenoic Acid	-	-	-	-	-	6,000JN	-	-	-	-	-
Heptadecanoic Acid	-	-	-	-	-	5,000JN	-	-	-	-	-
Hexadecanoic Acid, Methyl Ester	-	-	-	-	-	-	-	-	-	-	-
Petroleum Product	NQ	NQ	NQ	NQ	NQ	5,000JN NQ	-	-	NQ	NQ	N

\* Priority pollutant.

- Material was analyzed for but not detected.

NA Not analyzed for.

J Estimated value.

N Presumptive evidence of presence of material.

NQ Not quantified.

(1) Dry weight.

0064

**Table VIII**  
**Saad Site - Phase I**  
**Soil/Sediment Samples**  
**Pesticides/PCB's and other chlorinated compounds**  
**(in ug/kg)(2)**

Compounds	LN-DL/S	LN-OS/S	CON-1S	CON-2S	S-7/S	S-6.1/S	S-2/S	S-3.1/S	SP4-5/S	T-2/S	BC/S	CF-SP(1)
Gamma-chlordane	-	-	-	-	-	-	-	-	-	62	48	-

- Material was analyzed for but not detected.

(1) For station CF-SP, all data suspect based on QC data.

(2) Data reported on dry weight basis.

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**Table IX**  
**Saad Site - Phase II**  
**Water Samples**  
**Inorganic Analysis**  
(in ug//)

Element	SS-CS-5W	SS-CS-8W
Cadmium*	10	6
Lead*	8	10
Selenium*	9	5
Zinc*	26	32
Aluminum	760	910
Manganese	150	110
Iron	1100	1110

\* Priority pollutant.

TABLE X  
Saad Site - Phase II  
Water Samples  
Purgeable Organics Analysis  
(in ug/l)

Compound

SS-CS-5W

SS-CS-8W

Acetone

NQ

-

- Material was analyzed for but not detected.  
NQ - Not quantified

DRAKE

TABLE XI  
Saad Site - Phase II  
Water Samples  
Extractable Organic Analysis

(in ug/l)

CompoundSS-CS-5WSS-CS-8W

Prometon

-

NQ

- Material was analyzed for but not detected.  
NQ - Not quantified

**Table XII**  
**Saad Site - Phase II**  
**Soil/Sediment Samples**  
**Inorganic Analysis<sup>(1)</sup>**  
 (in ug/kg)

Element	SS-CS-1	SS-CS-2	SS-CS-3	SS-CS-3A	SS-CS-4	SS-CS-5S	SS-CS-6	SS-CS-7	SS-CS-8S
Silver *	-	-	-	2,700	-	-	-	-	-
Barium	35,000	33,000	46,000	-	48,000	120,000	22,000	30,000	25,000
Cadmium*	900	200	3,900	1,700	1,300	1,100	500	1,000	1,100
Cobalt	-	-	-	9,100	-	-	-	-	-
Chromium*	3,300	2,400	5,100	4,700	2,500	3,700	2,600	3,300	6,500
Copper*	7,200	-	10,000	7,300	9,400	24,000	-	-	9,600
Nickel*	-	-	7,500	10,000	-	6,700	-	-	5,200
Lead*	11,000	-	110,000	56,000	210,000	51,000	-	38,000	17,000
Selenium*	2,700	4,200	2,900	3,800	3,200	1,900	2,000	3,200	3,100
Zinc*	13,000	12,000	160,000	160,000	110,000	58,000	4,100	18,000	41,000

**Table XII**  
**Saad Site - Phase II**  
**Soil/Sediment Samples**  
**Inorganic Analysis<sup>(1)</sup>**  
**(in ug/kg)**

Element	SS-CS-1	SS-CS-2	SS-CS-3	SS-CS-3A	SS-CS-4	SS-CS-5S	SS-CS-6	SS-CS-7	SS-CS-8S
Aluminum	2,500,000	3,000,000	1,600,000	1,300,000	2,000,000	930,000	2,100,000	1,800,000	2,900,000
Manganese	280,000	230,000	220,000	160,000	240,000	260,000	130,000	240,000	230,000
Iron	1,400,000	860,000	770,000	610,000	480,000	1,200,000	420,000	500,000	1,700,000
Cyanide*	-	-	-	-	3,400	1,000	-	-	-

\* Priority pollutant

- Material was analyzed for but not detected.

(1) Data reported on a wet weight basis.

**Table XIII**  
**Saad Site - Phase II**  
**Soil/Sediment Samples**  
**Purgeable Organic Analysis**  
**(in ug/kg)(1)**

Compound	SS-CS-1	SS-CS-2	SS-CS-3	SS-CS-3A	SS-CS-4	SS-CS-5	SS-CS-6	SS-CS-7	SS-CS-8S
Methylene Chloride*	-	-	-	-	34	-	-	-	-
1,1,1-Trichloroethane*	-	-	-	-	1.5 J	-	-	-	-
Trichlorotrifluoroethane	-	3,300 JN	-	-	-	-	3.7 JN	5.1 JN	
Trimethylpentane	-	2,500 JN	-	-	-	-	-	-	
Fluorotrichloromethane	-	-	3.6	-	4.4	-	3,400	5.3	
Hexane	-	-	-	-	-	-	2.6 JN	-	
Acetone	-	-	-	-	-	-	-	-	19 J
2-hexanone	-	-	-	-	-	-	-	-	

- Material was analyzed for but not detected.

J Estimated value.

N Presumptive evidence of presence of material.

\* Priority pollutant.

(1) Data reported on wet weight basis.

**Table XIV**  
**Saad Site - Phase II**  
**Soil/Sediment Samples**  
**Extractable Organic Analysis**  
**(ug/kg)<sup>(3)</sup>**

Compound	SS-CS-1(1)	SS-CS-2(1)	SS-CS-3(2)	SS-CS-3A(2)	SS-CS-4	SS-CS-5S(1)	SS-CS-6(1)	SS-CS-7(1)	SS-CS-8S
Diethyl Phthalate*	480	-	-	-	-	-	-	-	-
Phenanthrene*	-	-	-	-	-	-	-	-	-
Di-N-Butylphthalate*	-	-	-	-	-	-	-	-	-
Flouranthene*	-	400 J	-	3200	-	400 J	-	-	-
Pyrene*	350 J	400 J	-	2600	-	-	-	-	-
Benzyl Butyl Phthalate*	-	-	-	440	-	-	-	-	-
Bis(2-Ethylhexyl)Phthalate*	590	440	84,000	3600	10,000 J	600	-	-	-
Benzo(A)Anthracene*	270 J	400 J	-	1700	-	-	-	-	-
Chrysene*	400	400 J	-	2000	-	-	-	-	-
Benzo(B)Flouranthene	960	800 J	-	2500	-	-	-	-	-
Benzo(K)Fluoranthene*	960	800 J	-	2500	-	-	-	-	-
Benzo-A-Pyrene*	330 J	800 J	-	1200	-	-	-	-	-

**Table XIV (continued)**  
**Saad Site - Phase II**  
**Soil/Sediment Samples**  
**Extractable Organic Analysis**  
(ug/kg)(3)

Compound	SS-CS-1(1)	SS-CS-2(1)	SS-CS-3(2)	SS-CS-3A(2)	SS-CS-4	SS-CS-5S(1)	SS-CS-6(1)	SS-CS-7(1)	SS-CS-8S
Indeno(1,2,3-CD)Pyrene*	-	800 J			-	-	-	-	-
Dibenzo(A,H)Anthracene*	-	800 J	-	-	-	-	-	-	-
Benzo(6HI)Perylene*	-	800 J	-	-	-	-	-	-	-
Hydroxymethylpentanone	550 JN	-	-	400 JN	-	-	-	0.32 JN	-
Tetradecanoic Acid	-	-	-	1300 JN	-	-	-	-	-
Pentadecanoic Acid	-	-	-	600 JN	-	-	-	-	-
Hexadecanoic Acid	-	-	-	4100 JN	-	-	-	-	-
Octadecanoic Acid	-	-	-	800 JN	-	-	-	-	-
Hexane	-	-	-	-	-	1800 JN	-	-	-
Petroleum Product	-	-	-	-	-	-	N	-	-

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**Table XIV (continued)****Saad Site - Phase II****Soil/Sediment Samples****Extractable Organic Analysis**(ug/kg)<sup>(3)</sup>

Compound	SS-CS-1(1)	SS-CS-2(1)	SS-CS-3(2)	SS-CS-3A(2)	SS-CS-4	SS-CS-5S(1)	SS-CS-6(1)	SS-CS-7(1)	SS-CS-8S
Methyldihydropyrrolone	-	-	-	-	-	-	680 J	-	-
Cyclohexane	-	-	-	-	-	-	-	1.9 JN	-
Unidentified Compounds	1	2	-	6	-	8	5	-	-

- Material was analyzed for but not detected.

J Estimated value.

N Presumptive evidence of presence of material.

(1) Quantity for all compounds except phenols is suspect based on QC data.

(2) Quantity is suspect based on QC data.

(3) Data reported on wet weight basis.

\* Priority pollutant.

**Table XV**  
**Saad Site - Phase III**  
**Water Samples**  
**Inorganic Analysis**  
**(in ug/l)**

Element	SS-WT-1	SS-CF-MW2	SS-CF-MW3	SS-CF-MW4	SS-CF-MW5	SS-LN-MW6	SS-SM-MW7
Arsenic*	-	-	-	-	-	-	35
Cadmium*	400	4	4	-	5	5	6
Chromium*	18	-	-	-	16	-	32
Nickel*	-	-	-	-	-	66	65
Lead*	9	18	47	20	15	24	41
Selenium*	11	-	-	-	-	-	-
Zinc*	49	54	58	53	-	51	46
Aluminum	530	430	5,200	100	-	-	7,800
Manganese	44	250	5,000	6,500	730	780	21,000
Iron	740	670	11,000	12,000	7,200	1,600	50,000

\* Priority pollutant.

- Material was analyzed for but not detected.

**Table XVI**  
**Saad Site - Phase III**  
**Water Samples**  
**Purgeable Organic Analysis**  
**(in ug/l)**

Compound	SS-(I) WT-1	SS- CF-MW2	SS- CF-MW3	SS- CF-MW4	SS-(I) CF-MW5	SS-(I) LN-MW6	SS- SS-MW7
Vinyl Chloride*	-	-	-	-	-	-	6,600
Chloroethane*	-	-	61	-	15	240	
Methylene Chloride*	-	-	-	-	-	-	19,000
1,1 - Dichloroethene	-	-	-	-	-	-	690
1,1 - Dichloroethane*	-	-	-	67	-	21	1,100
Trans-1,2-Dichloroethene	-	-	-	10 J	-	-	95,000
Chloroform*	74	-	-	-	-	-	11
1,2-Dichloroethane*	-	-	-	-	-	-	31
1,1,1-Trichloroethane*	-	-	-	-	69	15,000	
Bromodichloromethane	10	-	-	-	-	-	-
Trichloroethene	-	-	-	-	240	69,000	
Benzene*	-	-	-	-	10 J	67	∞
Tetrachloroethene	-	-	-	-	-	-	49,000
Toluene*	-	-	-	-	10 J	3,900	00
Chlorobenzene*	-	-	-	-	-	-	87
Ethyl Benzene*	-	-	-	-	-	10	310

Table XVI (continued)  
 Saad Site - Phase III  
 Water Samples  
 Purgeable Organic Analysis  
 (in ug/l)

Compound	SS-(1) WT-1	SS-CF-MW2	SS-CF-MW3	SS-CF-MW4	SS-(1) CF-MW5	SS-(1) LN-MW6	SS-S MW7
Acetone	NQ	-	-	NQ	-	NQ	NQ
Methylcyclohexane	-	NQ	-	NQ	-	NQ	NQ
Dichloroflouromethane	-	-	-	NQ	-	-	-
Cyclohexane	-	-	-	NQ	-	-	-
Dimethylheptadiyne	-	-	-	-	-	-	NQ
Hexanone	-	-	-	-	-	-	NQ
Propylheptanol	-	-	-	-	-	-	NQ
Methylheptane	-	-	-	-	-	-	NQ
Trichloroflouromethane	-	-	-	-	-	-	10 J
Unidentified Compounds(2)	-	-	-	1	-	1	2

- Material was analyzed for but not detected.

\* Priority pollutant.

J Estimated value.

NQ Not quantified

(1) Quantity is suspect based on QC data.

(2) Reported in number of compounds detected, not ug/l.

**Table XVII**  
**Saad Site - Phase III**  
**Water Samples**  
**Extractable Organic Analysis**  
**(in ug/l)**

Compound	SS-WT-1	SS-CF-MW2	SS-(I) CF-MW3	SS-(I) CF-MW4	SS-CF-MW5	SS-LN-MW6	SS-SS-MW7
Phenol *	-	-	-	-	-	-	960
2,4-Dimethylphenol *	-	-	-	-	-	-	33
4-Chloro-3-Methylphenol	-	-	-	-	-	-	25 J
Trimethylphenol	-	-	-	-	-	-	NQ
Methylethylphenol	-	-	-	-	-	-	NQ
Phosphonic Acid, Tributyl Ester	-	-	-	-	-	-	NQ
Unidentified Compounds (2)	-	-	9	-	6	-	9

- Material was analyzed for but not detected.

\* Priority pollutant.

NQ Not quantified.

J Estimated value.

(1) Quantity for phenols is suspect based on QC data.

(2) Reported in number of compounds detected, not in ug/l.

**Table XVIII**  
**Saad Site - Phase III**  
**Nashville, Tennessee**  
**Water Samples**  
**Diesel Fuel Analysis**  
(in mg/l)(1)

	SS- CF-MW2	SS- CF-MW3	SS- CF-MW4	SS- CF-MW5	SS- LN-MW6	SS- SS-MW7	SS- CF-SP
Diesel Fuel	5u	15u	15u	15u	5u	55(2)	5u

u - material was analyzed for but not detected, number is minimum detection limit.

(1) Gas Chromatographic Method

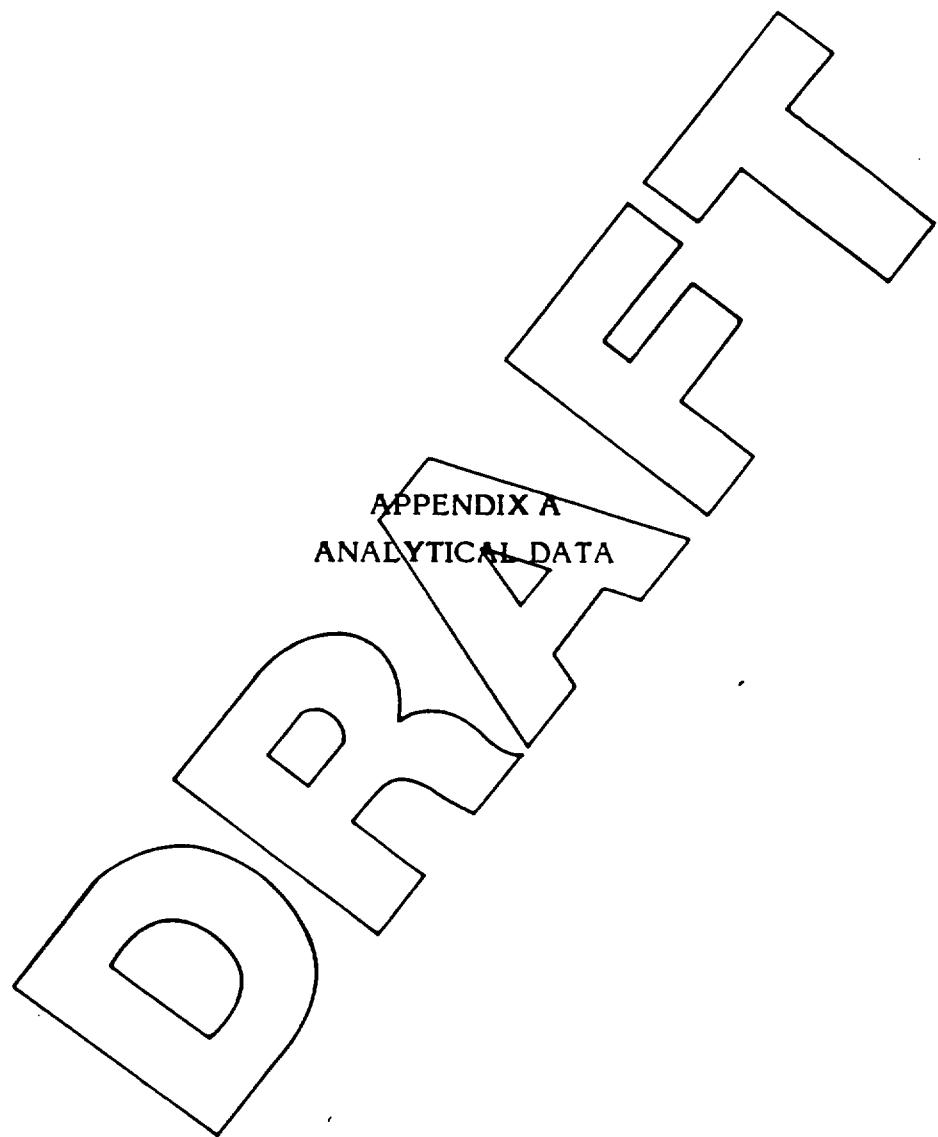
(2) Oil and Grease by gravimetric analysis - results were 65 mg/L

**Table XIX**  
**Saad Oil Company**  
**Nashville, TN**  
**Field Data**

Station	pH (SU)	Temperature C °	Conductivity (umhos)
SS-CW-8W(1)	7.80	28	-
SS-CS-5W (1)	9.47	35	-
SS-S-7-W	5.04	17.5	-
SS-S-3.1-W	5.47	16.6	-
SS-S-6.1-W	4.77	16.2	-
SS-SP4-5-W	5.40	16.1	-
SS-S-2-W	6.36	17.8	-
SS-T-2-W	6.23	17.3	-
SS-BC-W	7.11	17.3	-
SS-PW-1W	7.07	18.8	560
SS-PW-2W	6.51	19.1	450
SS-LN-DL-W	7.52	29.8	-
SS-LN-DS-W	6.81	27.6	-
SS-FB-W	5.5	25.9	-
SS-WT-1	7.45	23.0	-
SS-CF-MW2	7.34	20.0	-
SS-CF-MW3	6.37	23.0	-
SS-CF-MW4	NA	NA	-
SS-CF-MW5	6.95	18.0	-
SS-LN-MW6	6.35	21.0	-
SS-SS-MW7	6.18	19.0	-

NA - Not available  
- Measurement not taken.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

12/15/82      EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
WAIER

SAMPLE NO.: 82C2822      SAMPLE TYPE: AMBWA

PROJECT NO.: 82-1318      PROGRAM ELEMENT: NSF  
SOURCES: SAAD SITE TROUSDALE RD  
CITY: NASHVILLE      STATE: TN

STATION I.D.: SS-CS-5W  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1320  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C H WILSON      RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0      REC'D BY:  
SEALED:

CHEMIST: DGR

ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO.: D 1245 INORG SAMPLE NO.: 4D 8955  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN. LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176

REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC      DATA VERIFIED BY: CNH

\*\*\*REMARKS\*\*\*

\*\*\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*A=AVERAGE VALUE      \*NA=NOT ANALYZED      \*NAI=INTERFERENCES

\*J=ESTIMATED VALUE      \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN

\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN

\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	N-NITROSODIMETHYLAMINE	34438
100	UG/L	1,2-DIPHENYLHYDRAZINE/AZUBENZENE	34346
100	UG/L	BENZIDINE	39120
100	UG/L	1,3-DICHLOROBENZENE	34566
100	UG/L	1,4-DICHLOROBENZENE	34571
100	UG/L	1,2-DICHLOROBENZENE	34536
100	UG/L	BIS(2-CHLOROETHYL) ETHER	34273
100	UG/L	HEXACHLOROETHANE	34396
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER	34283
100	UG/L	N-NITROSODI-N-PROPYLAMINE	34428
100	UG/L	NITROBENZENE	34447
100	UG/L	HEXAChLOROBUTADIENE	39702
100	UG/L	1,2,4-TRICHLOROBENZENE	34551
100	UG/L	NAPHTHALENE	34696
100	UG/L	RIS(2-CHLOROETHOXY) METHANE	34278
100	UG/L	ISOPHORONE	34408
100	UG/L	HEXAChLOROCYCLOPENTADIENE (HCCP)	34386
100	UG/L	2-CHLORONAPHTHALENE	34581
100	UG/L	ACENAPHTHENE	34200
100	UG/L	DICMETHYL PHTHALATE	34205
100	UG/L	2,4-DINITROTOLUENE	34341
100	UG/L	2,6-DINITROTOLUENE	34611
100	UG/L	4-CHLOROPHENYL PHENYL ETHER	34626
100	UG/L	FLUORENE	34581
100	UG/L	DIMETHYL PHTHALATE	34336
100	UG/L	N-NITRUSODIPHENYLAMINE/DIPHENYLAMINE	34433
100	UG/L	HEXAChLOROBENZENE (HCB)	39700
100	UG/L	4-AROMOPHENYL PHENYL ETHER	34636
100	UG/L	PHENANTHRENE	34461
100	UG/L	ANTHRACENE	34220
100	UG/L	DI-N-BUTYLPHthalate	39110
100	UG/L	FLUORANTHENE	34376
250	UG/L	PYRENE	34469
100	UG/L	BENZYL BUTYL PHTHALATE	34292
100	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE	39100
100	UG/L	BENZO(A)ANTHRACENE	34526
100	UG/L	CHRYSENE	34320
100	UG/L	3,3'-DICHLOROBENZIDINE	34631
100	UG/L	DI-N-OCTYLPHthalate	34596
100	UG/L	BENZO(A)FLUORANTHENE	34230
100	UG/L	BENZO(K)FLUORANTHENE	34242
100	UG/L	BENZO-A-PYRENE	34247
250	UG/L	INDENO(1,2,3-CD) PYRENE	34403
250	UG/L	DIRENZO(A,H)ANTHRACENE	34556
250	UG/L	BENZO(GH)PERYLENE	34521
250	UG/L	2-CHLOROPHENOL	34586
250	UG/L	2-NITROPHENOL	34591
250	UG/L	PHENOL	34694
250	UG/L	2,4-DIMETHYLPHENOL	34606
250	UG/L	2,4-DICHLOROPHENOL	34601
250	UG/L	2,4,6-TRICHLOROPHENOL	34621
250	UG/L	4-CHLORO-3-METHYLPHENOL	34452
250	UG/L	2,4-DINITROPHENOL	34616
250	UG/L	2,4-Ethyl-4,6-DINITROPHENOL	34657
250	UG/L	PENTACHLOROPHENOL	39032
250	UG/L	4-NITROPHENOL	34646

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-FSD, REG IV  
ATHENS, GEORGIA

) 12/15/82 EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
WATER

) SAMPLE NO.: 82C2827 SAMPLE TYPE: AMBWA

) PROJECT NO.: 82-1318 PROGRAM ELEMENT: NSF  
SOURCE: SAID SITE TROUSDALE RD STATE: TN

) STATION ID #: SS-CS-8W  
STORET STATION NO:

) SAMPLE COLLECTION: START DATE/TIME: 08/16/82 1430  
SAMPLE COLLECTION: STOP DATE/TIME: 08/00/00 0  
COLLECTED BY: SAMIE WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME: 00/00/00 REC'D BY:  
SEALED:

CHEMIST: DGR  
ANALYTICAL METHODS:

CASE NO.: 1220 DRG SAMPLE NO: 01281 INORG SAMPLE NO.: MD 8960  
CONTRACT LABORATORY(ORGANIC): MEAD COMP CHEM

REMARK: DRG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: OLC DATA VERIFIED BY: CHH  
\*\*\*REMARKS\*\*\*

RESULTS	UNITS	COMPOUND	STOKE#
NA	UG/L	C-NITRODIMETHYLHYDRAZINE	34438
100	UG/L	1,2-OIPHENYLPHENOL	34436
100	UG/L	2,4-DICHLOROBENZENE	39120
100	UG/L	1,3-DICHLOROBENZENE	34566
100	UG/L	1,4-DICHLOROBENZENE	34571
100	UG/L	1,2-DICHLOROBENZENE	34573
100	UG/L	BIS(2-CHLOROETHYL) ETHER	34439
100	UG/L	HEXACHLOROETHANE	34263
100	UG/L	RIS(2-CHLOROISOPROPYL) ETHER	34264
100	UG/L	N-NITROSOI-N-PROPYLAMINE	34428
100	UG/L	NITROBENZENE	34447
100	UG/L	HEXACHLOROBUTADIENE	39702
100	UG/L	1,2,4-TRICHLOROBENZENE	34551
100	UG/L	1,4-NAPHTHALENE	34676
100	UG/L	BIS(2-CHLOROETHOXY) ETHANE	34278
100	UG/L	ISOPHORONE	34408
100	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)	34386
100	UG/L	2-CHLORONAPHTHALENE	34581
100	UG/L	ACENAPHTHENONE	34200
100	UG/L	ACENAPHTHENE	34205
100	UG/L	2-METHYL PHthalate	34641
100	UG/L	2,4-DINITROTOLUENE	34614
100	UG/L	2,6-DINITROTOLUENE	34626
100	UG/L	4-CHLOROPHENYL PHENYL ETHER	34641
100	UG/L	FLUORENE	34391
100	UG/L	DIFLUOR PHthalate	34336
100	UG/L	N-NITROSO-DIPHENYLAMINE/DIPHENYLAMINE	34333
100	UG/L	HEXACHLOROBENZENE (HCB)	39700
100	UG/L	4-BROMOPHENYL PHENYL ETHER	34636
100	UG/L	ANTHRACENE	34220
100	UG/L	DIL-4-BUTYLPHthalate	34319
100	UG/L	FLUORANTHENE	34316
100	UG/L	PYRENE	34469
100	UG/L	BENZYL MUTYL PHthalate	34292
100	UG/L	BIS(2-ETHYLHEXYL) PHthalate	39100
100	UG/L	BENZO(A)ANTHRACENE	34526
100	UG/L	CHRYSENE	34247
100	UG/L	3,3'-DICHLOROFNYLIDINE	34631
100	UG/L	1,1,4-UCIXLPHthalate	34596
100	UG/L	HEUZO((B))FLUORANTHENE	34230
100	UG/L	HEUZO((K))FLUORANTHENE	34242
100	UG/L	BENZO-A-PYKENE	34420
100	UG/L	DIRENZU(A,H)ANTHACENE	34456
100	UG/L	INDENO((1,2,3-CD) PYMENE	34521
100	UG/L	HENZO(G,H)PERYLENE	34566
100	UG/L	2-NITROPHENOL	34591
100	UG/L	PHENOL	34604
250	UG/L	2,4-DIMETHYLPHENOL	34606
250	UG/L	2,4-DICHLOROPHENOL	34601
250	UG/L	2,4-DICHLOROPHENOL	34621
250	UG/L	4-CHLORO-3-METHYLPHENOL	34452
250	UG/L	2,4-DINITROPHENOL	34616
250	UG/L	2-NERTHYL-4,6-DINITROPHENOL	34657
250	UG/L	PENTACHLOROPHENOL	39032
250	UG/L	4-NITROPHENOL	34646

\*\*\*FOOTNOTES\*\*\*  
\*A=ANALYZED VALUE \*W=NOT ANALYZED \*N=INTERFERENCE OF MATERIAL  
\*J=ESTIMATED VALUE \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*\*M=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

AN RESULTS IN ug/l. COMPOUND NAME  
E NO QUANT PROMETON

12/16/82

MISCELLANEOUS ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 82C2827 SAMPLE TYPE: AMBWA

PROJECT NO.: 82-1318 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CS-BW  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1430  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO: C 1281 INORG SAMPLE NO.: MD 8960  
CONTRACT LABORATORY(ORGANIC): HEAD COMPUTECH  
CONTRACT LABORATORY(INORGANIC): ROCKY Mtn AN LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*  
V=PURGEABLE ORGANIC, E=EXTRACTABLE ORGANIC, P=PESTICIDE ANALYSIS

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A=AVERAGE VALUE \*NA=NOT ANALYZED \*NAI=INTERFERENCES  
\*E=ESTIMATED VALUE \*NP=PRELIMINARY EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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3

0034

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

AN RESULTS IN: UC/L COMPOUND NAME  
V NO QUANT ACETUNE

12/16/82

MISCELLANEOUS ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 82C2822 SAMPLE TYPE: AMBWA

PROJECT NO.: 82-1318 PROGRAM ELEMENTS: NSF  
SOURCE: SAAD SITE TROUSDALE RD  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CS-5\*  
STORED STATION NO.:

SAMPLE COLLECTIONS START DATE/TIME 08/16/82 1320  
SAMPLE COLLECTIONS STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO: 0 1245 INORG SAMPLE NO.: MD 8955  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN. LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*  
V=PURGEABLE ORGANIC, E=EXTRACTABLE ORGANIC, P=PESTICIDE ANALYSIS

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

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\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
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THE MINIMUM DETECTION LIMIT.

2  
8  
0065

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-HSD, REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

AN RESULTS IN ug/l. COMPOUND NAME  
E NO QUANT PROMETON

12/16/82

MISCELLANEOUS ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 82C2827 SAMPLE TYPE: AMBWA

PROJECT NO.: 82-1318 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CS-WW  
STORET STATION NO:

SAMPLE COLLECTIONS: START DATE/TIME 08/16/82 1430  
SAMPLE COLLECTIONS: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE: /TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST:  
ANALYTICAL METHODS:

CASE NO.: 1220 ORG SAMPLE NO: C 1281 INORG SAMPLE NO.: MD 8960  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): HOCKY Mtn AN LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DCC DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*  
V=PURGEABLE ORGANIC, E=EXTRACTABLE ORGANIC, P=PESTICIDE ANALYSIS

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

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\*J=ESTIMATED VALUE \*\*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.



SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

12/15/82 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 82C2827      SAMPLE TYPE: AMBWA

PROJECT NO.: 82-1318      PROGRAM ELEMENT: NSF  
SOURCE: SAID SITE TROUSDALE RD  
CITY: NASHVILLE      STATE: TN

STATION I.D.: SS-CS-8W  
STORET STATION NO.:

SAMPLE COLLECTIONS: START DATE/TIME 08/16/82 1430  
SAMPLE COLLECTIONS: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON      RECEIVED FROM:  
SAMPLE REC'D DATE/TIME 00/00/00 0      REC'D BY:  
SEALED:

CHEMIST: CMM  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO.: D 1281 INORG SAMPLE NO.: MD 8960  
CONTRACT LABORATORY(ORGANIC): HEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): RUCKY MTN AN LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: OLC      DATA VERIFIED BY: CMM

\*\*\*REMARKS\*\*\*  
ALL DATA SUSPECT BASED ON QC DATA.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	SIOKEI
0.100	UG/L	ENDRIN	39330
0.100	UG/L	HEPATACHLOR	39410
0.100	UG/L	HEPATACHLOR EPOXIDE	39420
0.100	UG/L	ALPHA-BHC	39337
0.100	UG/L	BETA-BHC	39338
0.100	UG/L	GAU-MA-BHC (LINDANE)	39340
0.100	UG/L	DELTA-BHC	34259
0.100	UG/L	ENDOSULFAN I (ALPHA)	34361
0.100	UG/L	DEUDOHIV	39380
0.100	UG/L	4,4'-DDI (P,P'-DDT)	39300
0.100	UG/L	4,4'-DDO (P,P'-DDO)	39320
0.100	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.100	UG/L	ENDRIN	39390
0.100	UG/L	ENDOSULFAN II (BETA)	34356
0.100	UG/L	ENDOSULFAN SULFATE	34351
0.100	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.100	UG/L	PCP-1242 (AROCLOR 1242)	39496
0.100	UG/L	PCP-1254 (AROCLOR 1254)	39504
0.100	UG/L	PCP-1221 (AROCLOR 1221)	39488
0.100	UG/L	PCP-1232 (AROCLOR 1232)	39492
0.100	UG/L	PCP-1248 (AROCLOR 1248)	39500
0.150	UG/L	PCP-1260 (AROCLOR 1260)	39508
0.100	UG/L	PCP-1015 (AROCLOR 1015)	34671
0.300	UG/L	TXYAPHEN	39400
0.100	UG/L	ENDRIN ALDEHYDE	34366
0.100	UG/L	TCDD(DIOXIN)	34675
NA	UG/L	CHLORDENE /2	77884
NA	UG/L	ALPHA-CHLORDENE /2	
NA	UG/L	GAMMA-CHLORDENE /2	
NA	UG/L	1-HYDROXYCHLORDENE	
NA	UG/L	GAMMA-CHLORDANE /2	39810
NA	UG/L	TRANS-NONACHLOR /2	39071
NA	UG/L	ALPHA-CHLORDANE /2	39348
NA	UG/L	CIS-NONACHLOR /2	39068
NA	UG/L	METHDOXYCHLOR	39480

\*\*\*\*\*

\*\*\*FOOTNOTES\*\*\*

- \*A=AVERAGE VALUE      \*NA=NOT ANALYZED      \*NAI=INTERFERENCES
- \*D=ESTIMATED VALUE      \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS  
THE MINIMUM DETECTION LIMIT
- 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
- 2. CONSTITUENTS OF TECHNICAL CHLORDANE.

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0008

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER

0.01U MG/L CYANIDE

9.47 PH

35 DEG C TEMPERATURE

STORED

00720

00400

00010

11/03/82

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: B2C2822 SAMPLE TYPE: AMBWA

PROJECT NO.: B2-131H PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CS-5W  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1320  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST: MAW CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO: D 1245 INORG SAMPLE NO.: MD 8955  
CONTRACT LABORATORY(ORGANIC): MEAD CAMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY Mtn AN. LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

- \*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES
- \*J-ESTIMATED VALUE \*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SPECIFIED ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD-REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

11/03/82

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
WATER

RESULTS UNITS PARAMETER  
0.010 MG/L CYANIDE  
7.80 PH  
28 DEG C TEMPERATURE

STORED  
00720  
00400  
00010

SAMPLE NO.: 82C2827 SAMPLE TYPE: AMBWA

PROJECT NO.: A2-1318 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE THOUSDALE RD  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CS-BW  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1430  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST: MAW CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO: D 1281 INORG SAMPLE NO.: MD 8960  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

- \*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*NAI-INTERFERENCES
- \*J-ESTIMATED VALUE      \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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00000

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

EPA/ESD/RECIV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STOKEI
100	UG/VKG	ALDRIN	39333
100	UG/VKG	HEPTACHLOR	39413
100	UG/VKG	HEPTACHLOR EPOXIDE	39423
100	UG/VKG	ALPHA-HHC	39016
100	UG/VKG	BETA-HHC	34257
100	UG/VKG	CYCLOHEXANE (LINDANE)	34343
100	UG/VKG	DELTATHHC (LINDANE)	34321
100	UG/VKG	ENDOSULFAN I (ALPHA)	34383
100	UG/VKG	ENDOSULFAN II (BETA)	34359
100	UG/VKG	ENDOSULFAN SULFATE	34359
100	UG/VKG	ENDOSULFANE (TECH MIXTURE)	34359
100	UG/VKG	PCP-1242 (AROCCLOR 1242)	34359
100	UG/VKG	PCP-1254 (AROCCLOR 1254)	34359
100	UG/VKG	PCP-1221 (AROCCLOR 1221)	34359
100	UG/VKG	PCP-1232 (AROCCLOR 1232)	34359
100	UG/VKG	PCP-1248 (AROCCLOR 1248)	34359
100	UG/VKG	PCP-1260 (AROCCLOR 1016)	34359
100	UG/VKG	TOXAPHENE	34359
100	UG/VKG	ENDKINE ALDEHYDE	34359
200	UG/VKG	ENDKINE (DIOXIN)	34359
NA	UG/VKG	CHLORDENE /2	34359
NA	UG/VKG	GAMMA-CHLORDENE /2	34359
NA	UG/VKG	LIQUID CHLORDENE /2	34359
NA	UG/VKG	GAMMA-CHLORODANE /2	34359
NA	UG/VKG	TRANS-NONACHLOR /2	34359
NA	UG/VKG	ALPHA-CHLORODANE /2	34359
NA	UG/VKG	CIS-NONACHLOR /2	34359
NA	UG/VKG	METHOXICHLOR	34359

PROJECT NO: 82-1318 PROGRAM ELEMENT: NSF  
 SOURCE: SAAD SITE: TROUSDALE RD CITY: NASHVILLE STATE: TN  
 STATION ID# IN SS=CS-4  
 STORET STATION NO:  
 SAMPLE COLLECTION: START DATE/TIME 08/16/82 1500  
 SAMPLE COLLECTION: STOP DATE/TIME 00/00/00  
 COLLECTED BY: WILSON RECEIVED FROM REC'D BY:  
 SAMPLE REC'D: DATE/TIME 00/00/00 RECEIVED FROM REC'D BY:  
 SEALED:  
 CHEMISTIC! CHH ANALYTICAL METHOD!

CASE NO: 1220 ONG SAMPLE NO: D 1340 INORG SAMPLE NO: D 8961  
 CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
 CONTRACT LABORATORY(INORGANIC): RUCKY 4TH AN LABS

REMARK: ORG SAMPLES SHIPPED BY FFD EXP 406215176  
 REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: CHH  
 \*\*\*REMARKS\*\*\*  
 ALL DATA SUSPECT BASED ON QC DATA.

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
 \*A=AVERAGE VALUE \*N/A=NOT ANALYZED \*N/A=INTERFERENCES  
 \*J=ESTIMATED VALUE \*N/P=RESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*U=MATERIAL HAS BEEN ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM DETECTION LIMIT FOR THE CONSTITUENT.  
 1. WHEN NO VALUE IS REPORTED, SEE CHLURANE.  
 2. CONSTITUENTS OF TECHNICAL CHLURANE.



SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD/GREG IV  
ATHENS, GEORGIA

12/15/82 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 82C280 SAMPLE TYPE: SOIL

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STOKE
4.00	OU	ALDRIN	39943
4.00	OU	HEPTACHLOR	39443
4.00	OU	HEPTACHLOR EPOXIDE	39613
4.00	OU	ALPHA-BHC	39076
4.00	OU	BETA-BHC	394257
4.00	OU	GAMMA-BHC	394253
4.00	OU	DELTA-BHC	394262
4.00	OU	ENOSULFAN I (ALPHA)	394264
4.00	OU	ENOSULFAN I (BETA)	394263
4.00	OU	DDT (P,P'-DDT)	394264
4.00	OU	(P,P'-DDDE)	394263
4.00	OU	DDDD (P,P'-DDDD)	394263
4.00	OU	ENDRIN	394264
4.00	OU	ENDOSULFAN I (BETA)	394263
4.00	OU	ENDOSULFAN SULFATE	394263
4.00	OU	CHLORDANE (TECHNICAL)	394264
4.00	OU	CHLORDANE (TECHNICAL, 1242)	394264
4.00	OU	PCR-1242 (AROCLOL 1242)	394264
4.00	OU	PCR-1221 (AROCLOL 1221)	394264
4.00	OU	PCR-1232 (AROCLOL 1232)	394264
4.00	OU	PCR-1248 (AROCLOL 1248)	394264
4.00	OU	PCR-1260 (AROCLOL 1260)	394264
4.00	OU	PCR-1016 (AKOCLOL 1016)	394264
4.00	OU	TOXAPHENE	394264
4.00	OU	ENDOKIN (AUXEHYDE)	394264
4.00	OU	ENDOKIN (DIOXIN)	394264
4.00	OU	CHLORDENE /2	394264
4.00	OU	GAMMA-CHLORDENE /2	394264
4.00	OU	GAMMA-CHLORDENE /2	394264
4.00	OU	HYDROXYCHLORDENE /2	394264
4.00	OU	GAMMA-CHLORODANE /2	394264
4.00	OU	TRANS-CHLORODANE /2	394264
4.00	OU	CHLORODANE /2	394264
4.00	OU	ALPHA-CHLORODANE /2	394264
4.00	OU	METHOXICHLOR	394264
4.00	OU	MOTISTERONE	394264
3.9811	OU		394264
3.9073	OU		394264
3.9070	OU		394264
3.9481	OU		394264
70320	OU		394264

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
 \*A-AVERAGE VALUE    \*NA-NOT ANALYZED    \*NI-INTERFERENCES  
 \*J-ESTIMATED VALUE    \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
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 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.  
 2. CONSTITUENTS OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-FSG REGISTRY  
ATHENS, GEORGIA

**2/15/82 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)**

SAMPLE NO. 1 #2C2825 SAMPLE TYPE: SOIL

PROJECT NO.: 92-1318 PROGRAM ELEMENT: NSF  
SOURCE: SAID SITE TROUSDALE RD  
CITY: NASHVILLE STATE: TN  
STATION IDIN: SS-CS-7  
STORE STATION NO:  
SAMPLE COLLECTION: START DATE/TIME 08/16/82 1400  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0  
COLLECTED BY: H. WILSON RECEIVED FROM: O  
SAMPLE REC'D: 00/00/00  
SEALED:

HEMISTICAL METHODS

BASE NO. 1 1220 ORG SAMPLE NO. D 1279 IVORG SAMPLE NO. 3 MD 8958  
HEAD COMPCHEM  
CONTRACT LABORATORY (ORGANIC);  
CONTRACT LABORATORY (INORGANIC); ROCKY MTN AN. LABS  
REMARK: ORG SAMPLES SHIPPED BY FEDEX EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FEDEX EXP 406215180

\*\*\*REMARKS\*\*\*  
ALL DATA SUSPECT BASED ON 3C DATA.

ANALYTICAL RESULTS

\*\*FOOTNOTES\*\*

- \*A-AVERAGE VALUE
- \*B-ESTIMATED VALUE
- \*C-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL KNOWN TO BE LESS THAN VALUE GIVEN
- \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS WHEN THE MINIMUM DETECTION LIMIT IS REPORTED.
- 1: WHEN NO VALUE IS REPORTED. SEE CHLORDANE CONSTITUENTS.
- 2: CONSTITUENTS OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

12/15/82 PESTICIDES/PCBs'S AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 82C2826 SAMPLE TYPE: SOIL

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STOKE
4.00	KG	ALDRIN	39333
4.00	KG	HEPTACHLOR	399413
4.00	KG	HEPTACHLOR EPoxide	399423
4.00	KG	ALPHA-HC	39076
4.00	KG	BETA-HC	394257
4.00	KG	GAMMA-dHC (LINDANE)	39343
4.00	KG	DETA-HC	39462
4.00	KG	ENDOSULFAN I (ALPHA)	39364
4.00	KG	ENDOSULFAN II (BETA)	39359
4.00	KG	ENDOSULFAN SULFATE	39351
4.00	KG	DIFLUORIN	39301
4.00	KG	HEPTACHLOR	39321
4.00	KG	4,4'-DDT (P,P'-DDT)	39311
4.00	KG	4,4'-DDE (P,P'-DDE)	39311
4.00	KG	4,4'-DDD (P,P'-DDD)	39311
4.00	KG	ENDRIN	39359
4.00	KG	ENDOSULFAN	39359
4.00	KG	ENDOSULFAN II (BETA)	39359
4.00	KG	ENDOSULFAN SULFATE	39351
4.00	KG	CHLORDANE (TECH. MIXTURE)	39351
4.00	KG	POR-1242 (AROCLOK 1242)	39351
4.00	KG	POR-1254 (AROCLOK 1254)	39351
4.00	KG	POR-1221 (AROCLOK 1221)	39491
4.00	KG	POR-1232 (AROCLOK 1232)	39495
4.00	KG	POR-1248 (AROCLOK 1248)	39503
4.00	KG	POR-1260 (AROCLOK 1260)	39503
4.00	KG	POR-1016 (ARRUCLOK 1016)	39511
4.00	KG	TOKAPHEN	39514
4.00	KG	ENNEDYL	39403
4.00	KG	TDDO(DIOXIN)	39469
4.00	KG	CHLORDENE /2	34369
4.00	KG	ALPHA-CHLORDENE /2	34369
4.00	KG	GAMMA-CHLORDENE /2	34369
4.00	KG	LAMBDA-CHLORDENE /2	34369
4.00	KG	TRANS-CHLORDENE /2	34369
4.00	KG	TRANS-CHLORDENE /2	34369
4.00	KG	ALPHACHLORDENE /2	34369
4.00	KG	CIS-CHLORDENE /2	34369
4.00	KG	METHOXICHLORDENE	34369
4.00	KG	MOTISTUNE	34369
3.9811	KG		81765
3.9073	KG		81765
3.9070	KG		81765
3.9481	KG		81765
7.0320	KG		81765

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A-AVERAGE VALUE \*N=NOT ANALYZED \*N=INTERFERENCES  
\*J=ESTIMATED VALUE \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*U-MATERIAL HAS BEEN ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.  
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.  
2. CONSTITUENTS OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-FSD, REG IV  
ATHENS GEORGIA

12/16/82

MISCELLANEOUS ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 82C2818      SAMPLE TYPE: SOIL

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

AN RESULTS IN: UG/KG COMPOUND NAME  
E 550JN HYDROXYMETHYLPENTANONE  
E NO QUANT 1 UNIDENTIFIED COMPOUND

PROJECT NO.: 82-1318      PROGRAM ELEMENT: NSF  
SOURCE: SAU SITE TROUSDALE RD  
CITY: NASHVILLE      STATE: TN

STATION I.D.: SS-CS-1  
STORED STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1245  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON      RECEIVED FROM:  
SAMPLE REC'D: DATE: /TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO.: D 1241 INORG SAMPLE NO.: MD 8951  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUTECH  
CONTRACT LABORATORY(INORGANIC): ROCKY Mtn AN. LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC      DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*

V=PURGEABLE ORGANIC, E=EXTRACTABLE ORGANIC, P=PESTICIDE ANALYSIS

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A=AVERAGE VALUE      \*N&=NOT ANALYZED      \*NAI=INTERFERENCES  
\*E=ESTIMATED VALUE      \*P=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

12/16/82

MISCELLANEOUS ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 82C2819      SAMPLE TYPE: SOIL

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

AN RESULTS IN: ug/kg    COMPOUND NAME  
E 1700JN    2 UNIDENTIFIED COMPOUNDS  
V 3300JN    TRICHLOROTRIFLUOROETANE  
V 2500JN    TRIETHYLPENTANE

PROJECT NO.: 82-1318    PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD  
CITY: NASHVILLE    STATE: TN

STATION I.D.: SS-CS-2  
STOREI STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1250  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON    RECEIVED FROM:  
SAMPLE REC'D DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO.: D 1242 INORG SAMPLE NO.: NO 8952  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN. LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC    DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*  
E=PURGEABLE ORGANIC, R=EXTRACTABLE ORGANIC, P=PESTICIDE ANALYSIS

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A=AVERAGE VALUE    \*NA=NOT ANALYZED    \*NAI=INTERFERENCES  
\*J=ESTIMATED VALUE    \*P=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

AN RESULTS IN: UG/KG COMPOUND NAME  
V 3.6 FLUOROTHICLOROMETHANE

12/16/82

MISCELLANEOUS ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 82C2823 SAMPLE TYPE: SOIL

PROJECT NO.: 82-1318 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD.  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CS-3  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1340  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO.: D 1246 INORG SAMPLE NO.: MD 8956  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY Mtn AN. LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DCC DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*  
V=PURGEABLE ORGANIC, E=EXTRACTABLE ORGANIC, P=PESTICIDE ANALYSIS

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A=AVERAGE VALUE \*NA=NOT ANALYZED \*NI=INTERFERENCES  
\*J=ESTIMATED VALUE \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

280098

SAMPLE AND ANALYSTS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

12/16/82  
12/16/82  
MISCELLANEOUS ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 82C2024      SAMPLE TYPE: SOIL

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

AN RESULTS IN: UG/KG	COMPOUND NAME
E 400JN	HYDROXYMETHYL PENTANONE
E 1300JN	TETRADECANOIC ACID
E 600JN	PENTADECANOIC ACID
E 4100JN	HEXADECANOIC ACID
E 800JN	OCTADECANOIC ACID
E 11000JN	6 UNIDENTIFIED COMPOUNDS

PROJECT NO.: 82-1318      PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD  
CITY: NASHVILLE      STATE: TN

STATION I.D.: SS-CS-3A  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1345  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C. H. WILSON      RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST:  
ANALYTICAL METHODS:

CASE NO.: 1220      DRG SAMPLE NO: D 1278      INORG SAMPLE NO.: MD 8957  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN. LABS

REMARK: URG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INDRG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC      DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*

V=VOLATILE ORGANIC, E=EXTRACTABLE ORGANIC, P=PESTICIDE ANALYSIS

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A=AVERAGE VALUE      \*NA=NOT ANALYZED      \*NAI=INTERFERENCES  
\*J=ESTIMATED VALUE      \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

AN RESULTS IN: UG/KG COMPOUND NAME  
V 4.4 FLUOROTRICHLOROMETHANE

12/16/82

MISCELLANEOUS ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 82C2828      SAMPLE TYPE: SOIL

PROJECT NO.: 82-131B      PROGRAM ELEMENTS: NSF  
SOURCE: SAID SITE TROUSDALE RD  
CITY: NASHVILLE      STATE: TN

STATION I.D.: SS-CS-4  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1500  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON      RECEIVED FROM:  
SAMPLE REC'D: DATE: / TIME: 00/00/00 0      REC'D BY:  
SEALED:

CHEMIST:

ANALYTICAL METHOD:

CASE NO.: 1220      ORG SAMPLE NO: D 1340      INORG SAMPLE NO.: MD 8961  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN LABS

REMARKS: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARKS: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC      DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*  
V=PURGEABLE ORGANIC, E=EXTRACTABLE ORGANIC, P=PESTICIDE ANALYSIS

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A=AVERAGE VALUE      \*NA=NOT ANALYZED      \*NI=INTERFERENCES  
\*J=ESTIMATED VALUE      \*P=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

280100

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-FSD, REG IV  
ATHENS GEORGIA

12/16/82

MISCELLANEOUS ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 82C2821      SAMPLE TYPE: SOIL

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

AN RESULTS INT (UG/KG) COMPOUND NAME  
E 18000JN HEXANE  
E 31000JN 8 UNIDENTIFIED COMPOUNDS  
E 4 PETROLEUM PRODUCT

PROJECT NO.: 82-131B      PROGRAM ELEMENT: NSF  
SOURCE: SAID SITE TROUDSDALE RD.  
CITY: NASHVILLE      STATE: TN

STATION ID: 00-CS-55  
STURET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1320  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON      RECEIVED FROM:  
SAMPLE REC'D DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO.: D 1244 INORG SAMPLE NO.: MD 8954  
CONTRACT LABORATORY(ORGANIC): HEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN. LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC      DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*  
V=PURGEABLE ORGANIC, E=EXTRACTABLE ORGANIC, P=PESTICIDE ANALYSIS

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A=AVERAGE VALUE      \*NA=NOT ANALYZED      \*NAI=INTERFERENCES  
\*J=ESTIMATED VALUE      \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U= MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

12/16/82

11SCILLANEOUS ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

AN RESULTS IN: UG/KG	COMPOUND NAME
V 3.1JN	TRICHLOROTRIFLUOROMETHANE
V 25JN	HEXANE
V 3400	FLUOROTRICHLOROMETHANE
E 6H0J	METHYLDIHYDROPYRIDINE
E 25000JN	5 UNIDENTIFIED COMPOUNDS

SAMPLE NO.: 82C2820      SAMPLE TYPE: SOIL

PROJECT NO.: 82-1318      PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD  
CITY: NASHVILLE      STATE: TN

STATION I.D.: SS-CS-6  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1305  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON      RECEIVED FROM:  
SAMPLE REC'D DATE, / TIME 00/00/00 0      REC'D BY:  
SEALED:

CHEMIST:  
ANALYTICAL METHODS:

CASE NO.: 1220 ORG SAMPLE NO.: 0 1243 INORG SAMPLE NO.: MD 8953  
CONTRACT LABORATORY(ORGANIC): HEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AM. LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DUC      DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*  
V=VAPOR-GEABLE ORGANIC, E=EXTRACTABLE ORGANIC, P=PESTICIDE ANALYSIS

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A=AVERAGE VALUE      \*VA=NOT ANALYZED      \*NAI=INTERFERENCES  
\*J=ESTIMATED VALUE      \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

280102

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESU, REG IV  
ATHENS GEORGIA

12/16/82

MISCELLANEOUS ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

AN RESULTS	IN:	UG/KG	COMPOUND NAME
E 0.32JN			HYDROXYETHYLPENTANONE
E 1.97N			CYCLOHEXANE
V 5.3			FLUOROTRICHLOROMETHANE
V 5.1JN			TRICHLOROTRIFLUOROETHANE

SAMPLE NO.: 82C2825      SAMPLE TYPE: SOIL

PROJECT NO.: 82-131B      PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD  
CITY: NASHVILLE      STATE: TN

STATION I.D.: SS-CS-7  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1400  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON      RECEIVED FROM:  
SAMPLE REC'D DATE/TIME 00/00/00      0 REC'D BY:  
SEALED:

CHEMIST:  
ANALYTICAL METHODS:

CASE NO.: 1220      ORG SAMPLE NO.: D 1279      INORG SAMPLE NO.: MD 895A  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN. LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC      DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*  
V=PURGEABLE ORGANIC, E=EXTRACTABLE ORGANIC, P=PESTICIDE ANALYSIS

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A=AVERAGE VALUE      \*NA=NOT ANALYZED      \*N/AI=INTERFERENCES  
\*J=ESTIMATED VALUE      \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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0103

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATLANTA, GEORGIA

12/15/82

EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 82C2018      SAMPLE TYPE: SOIL

PROJECT NO.: 82-131B      PROGRAM ELEMENT: NSF  
SOURCE: SAID SITE TRUSSDALE RD  
CITY: NASHVILLE      STATE: TN

STATION ID: SS-CS-1  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1245  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0  
COLLECTED BY: CHH WILSON      RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0      REC'D BY:  
SEALED:

CHEMIST: DCR  
ANALYTICAL METHOD:

CASE NO.: 1220      ORG SAMPLE NO.: D 124; INORG SAMPLE NO.: MD 8951

CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY Mtn ANL LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215100

SAMPLE LOG VERIFIED BY: DLC      DATA VERIFIED BY: CHH  
\*\*\*REMARKS\*\*\*  
>QUANT. FOR ALL COMPOS EXCEPT PHENOLS IS SUSPECT BASED ON QC DATA

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A-AVERAGE VALUE      \*N=NOT ANALYZED      \*N/A=INTERFERENCES  
\*J=ESTIMATED VALUE      \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

RESULTS	UNITS	COMPOUND	STORED
6000	UG/KG	N-NITROSDIMETHYLAMINE	34441
16000	UG/KG	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34449
40000	UG/KG	RENZIDINE	34121
40000	UG/KG	1,3-DICHLOROBENZENE	34564
40000	UG/KG	1,4-DICHLOROBENZENE	34574
40000	UG/KG	1,2-DICHLOROBENZENE	34579
40000	UG/KG	BIS(2-CHLOROETHYL) ETHER	34216
40000	UG/KG	HEXAACHLOROETHANE	34399
8000	UG/KG	1,2-CHLOROISOPROPYL) ETHER	34286
8000	UG/KG	N-MITROSODIUM-PROPYLAMINE	34411
40000	UG/KG	NITROBENZENE	34450
40000	UG/KG	HEXYACHLOROBUTADIENE	34550
40000	UG/KG	1,2,4-TRICHLOROBENZENE	34554
40000	UG/KG	NAPHTHALENE	34445
80000	UG/KG	BIS(2-CHLOROETHOXY) METHANE	34201
40000	UG/KG	ISOPHORONE	34411
40000	UG/KG	HEXAACHLOROCYCLOPENTADIENE (HCCP)	34389
40000	UG/KG	2,6-DINITROTOLUENE	34203
40000	UG/KG	CHLOROPHENYL PHENYL ETHER	34203
40000	UG/KG	FLUORENE	34394
40000	UG/KG	DIPHENYL PHTHALATE	34394
40000	UG/KG	HEXYACHLOROBENZENE (HCB)	34394
40000	UG/KG	4-BROMOPHENYL PHENYL ETHER	34394
40000	UG/KG	ANTHRACENE	34464
40000	UG/KG	DI-2-BUTYLPHthalate	34464
40000	UG/KG	FLUORANTHENE	34464
35000	UG/KG	PYRENE	34312
40000	UG/KG	BENZYL BUTYL PHTHALATE	34312
59000	UG/KG	BENZYL BUTYL PHTHALATE	34295
59000	UG/KG	BIG(2-ETHYLHEXYL) PHTHALATE	34295
2700	UG/KG	CHRYSENE	34295
40000	UG/KG	CHRYSENE	34295
80000	UG/KG	3,3'-DICHLOROBENZIDINE	34295
40000	UG/KG	DI-INDOCTYLPHthalate	34295
9600	UG/KG	BENZO(B)FLUORANTHENE	34295
9600	UG/KG	BENZO(Z)FLUORANTHENE	34295
3300	UG/KG	BENZO-A-PYRENE	34295
80000	UG/KG	END-(1,2,3-C) PYRENE	34295
80000	UG/KG	DIBENZO(A,H)ANTHRACENE	34295
80000	UG/KG	PERYLENE	34295
80000	UG/KG	2,6-DINITROPHENOL	34295
40000	UG/KG	PHENOL	34589
40000	UG/KG	DIMETHYLPHENOL	34589
40000	UG/KG	2,4-DICHLOROPHENOL	34589
40000	UG/KG	2,4,6-TRICHLOROPHENOL	34589
40000	UG/KG	CHLORO-3-METHYLPHENOL	34589
20000	UG/KG	2,4-DINITROPHENOL	34589
80000	UG/KG	2,4,6,4-TETRACHLOROPHENOL	34589
40000	UG/KG	PENTACHLOROPHENOL	34589
40000	UG/KG	4-NITROPHENOL	34589
15000	UG/KG	MOTISTERE	34589



SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

EPA-ESD REGIV

ATLANTA, GEORGIA

12/15/82

EXTRACTIVE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 82C2B23      SAMPLE TYPE: SOIL

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STRENGTH
UG/KG	MG/KG	N-NITROSODIMETHYLAMINE	34441
800U	UG/KG	1,2-DIPHENYLHYDRAZINE/AZUHENZENE	34349
1600U	UG/KG	BENZIDINE	34141
400U	UG/KG	1,3-DICHLOROBENZENE	34569
400U	UG/KG	1,4-DICHLOROBENZENE	34574
400U	UG/KG	1,2-DICHLOROBENZENE ETHER	34539
900U	UG/KG	2-(CHLOROETHYL) ETHER	34276
400U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER	34286
800U	UG/KG	2-NITROSOUDAN-PROPYLAMINE	34431
400U	UG/KG	NITROBENZENE	34450
400U	UG/KG	HEXACHLOROBUTADIENE	34970
400U	UG/KG	1,2,4-TRICHLOROBENZENE	34556
800U	UG/KG	NAPHTHALENE	34415
800U	UG/KG	BIS(2-CHLOROETHYUXY) METHANE	34281
400U	UG/KG	ISOPHORONE	34411
400U	UG/KG	HEXA-CHLOROCYCLOPENTADIENE (HCCP)	34389
400U	UG/KG	2-(CHLORO)NAPHTHALENE	34544
400U	UG/KG	ACRYNAPHTHENE	34203
400U	UG/KG	DIVINYLPHthalate	34614
800U	UG/KG	2,4-DINITROTOLUENE	34629
800U	UG/KG	2,4-KADINITROTULUENE	34664
400U	UG/KG	4-(CHLOROPHENYL) PHENYL ETHER	34334
400U	UG/KG	FLUORENE	34436
400U	UG/KG	DIFMTHYL PHthalate	34439
400U	UG/KG	NITROSOBENZENE (HCB)	34701
400U	UG/KG	HEXA-CHLOROBENZENE (HCB)	34639
400U	UG/KG	4-PARAHOMOPHENYL PHENYL ETHER	34439
400U	UG/KG	PHANTHRENENE	34439
400U	UG/KG	ANTHRACENE	34223
400U	UG/KG	DIM-BUTYLPHthalate	34112
400U	UG/KG	FLUORANTHENE	34349
400U	UG/KG	PYRENE	34472
64000U	UG/KG	BENZYL BUTYL PHthalate	34475
64000U	UG/KG	BIPHENYL-2-ETHYLHEXYL) PHthalate	34529
4000U	UG/KG	BENZO(C)ANTHRACENE	34529
4000U	UG/KG	CHRYSENE	34529
4000U	UG/KG	DICHLOROBENZIDINE	34529
4000U	UG/KG	DIM-OCTYLPHthalate	34529
8000U	UG/KG	BENZO(B)FLUORANTHENE	34529
8000U	UG/KG	BENZO(K)FLUORANTHENE	34529
8000U	UG/KG	BENZO-A-PYRENE	34529
8000U	UG/KG	(1,2,3-CO) PYRENE	34529
8000U	UG/KG	DIBENZO(A,H)ANTHRACENE	34529
4000U	UG/KG	2-NITROPHENOL	34529
4000U	UG/KG	PHENOL	34529
4000U	UG/KG	DIMETHYLPHENOL	34529
4000U	UG/KG	4,4'-DICHLOROPHENOL	34529
4000U	UG/KG	4,4'-TRICHLOROPHENOL	34529
2000U	UG/KG	4,4'-CHLORO-3-METHYLPHENOL	34529
2000U	UG/KG	2,4-DINITROPHENOL	34529
2000U	UG/KG	2-METHYL-4,6-DINITROPHENOL	34529
400U	UG/KG	PENTACHLOROPHENOL	34529
400U	UG/KG	4-NITROPHENOL	34529

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE      \*N=NOT ANALYZED      \*N=INTERFERENCES OF PRESENCE OF MATERIAL  
 \*\*J-ESTIMATED VALUE      \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM DETECTION LIMIT.

## SAMPLE AND ANALYSIS MANAGEMENT SYSTEM EPA-ESD REGIV ATHENS, GEORGIA

**EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SDIL/SLUDGE(DRY WT)**

SAMPLE NO. 1 82C2824 SAMPLE TYPE: SOIL

PROGRAM ELEMENT: NSF  
PROJECT NO. 182-1314

STATE) IN  
NASHVILLE

STORER STATION NCI

SAMPLE COLLECTION: STOP DATE/TIME 08/00/00 12:00  
COLLECTED BY: CHARLES WILSON RECEIVED FROM: ID BY:  
SAMPLE REC'D: DATE/TIME 00/00/00 00 REC'D BY:  
SEALED:

CALCULATING METHODS

INORG SAMPLE NO.: 01278-0  
ORG SAMPLE NO.: 1220-0  
CASE NO.: 244-0

LITERATURE AND CULTURE IN THE 19TH CENTURY

REMARKS: INORG SAMPLES SHIPPED BY FED EXP 406215180

REMARKS \* \* \* \* \*

\*A= AVERAGE VALUE      \*N= NOT ANALYZED      \*NAI= INTERFERENCES  
 \*K= ESTIMATED VALUE      \*P= PRESUMPTIVE EVIDENCE OF MAINTENANCE  
 \*L= ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*U= ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*M= MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM DETECTION LIMIT.

\*\*\*\*\* ANALYTICAL RESULTS \*\*\*\*\*

RESULTS	UNITS	COMPOUND	UNITS/KG	STOKE'S
NA	8000	N-NITRODODIMETHYLAMINE	34349	39121
0	16000	N,N-DIPHENYLMETHYLDIAZINE/AZOBENZENE	34349	39121
4000	4000	UG/KG HENZIDINE	34574	39121
4000	4000	UG/KG 1,3-DICHLOROBENZENE	34574	39121
4000	4000	UG/KG 1,2-DICHLOROBENZENE	34574	39121
8000	8000	UG/KG BIS(2-CHLOROETHYL) ETHER	34478	39121
8000	8000	UG/KG BIS(2-CHLOROETHYL) ETHER	34478	39121
8000	8000	UG/KG BIS(2-CHLOROISOPROPYL) ETHER	34286	39121
8000	8000	UG/KG BIS(2-CHLOROISOPROPYL) ETHER	34286	39121
8000	8000	UG/KG NITROBENZENE	34645	39121
4000	4000	UG/KG HEXACHLOROBUTADIENE	34705	39121
4000	4000	UG/KG 1,2,4-TRICHLOROBENZENE	34594	39121
8000	8000	UG/KG 1,4-PHTHALANE	34446	39121
8000	8000	UG/KG BIK(2-CHLOROETHOXY) NEITHANE	34261	39121
4000	4000	UG/KG ISOPHORONE	34414	39121
4000	4000	UG/KG HEXACHLOROCYCLOPENTADIENE (HCPC)	34389	39121
4000	4000	UG/KG 2-CHLORONAPHTHALENE	34584	39121
4000	4000	UG/KG ACUFNAPHTHYLENE	34208	39121
4000	4000	UG/KG DI-METHYL PHTHALATE	34208	39121
8000	8000	UG/KG 2,4-DINITROTOLUENE	34629	39121
8000	8000	UG/KG 2,6-DINITROTOLUENE	34644	39121
4000	4000	UG/KG 2,4-DI-CHLOROPHENYL PHENYL ETHER	34433	39121
4000	4000	UG/KG DI-CHLOROPHENYL PHENYL ETHER	34433	39121
8000	8000	UG/KG N-NITRODODIPHENYLAMINE/DIPHENYLAMINE	34436	39121
8000	8000	UG/KG N,N-DIPHENYLMETHYLDIAZINE/AZOBENZENE	34436	39121
4000	4000	UG/KG 4-CHLOROBENZYL (CH <sub>3</sub> )	34639	39121
4000	4000	UG/KG 4-CHLOROPHENYL PHENYL ETHER	34639	39121
4000	4000	UG/KG PHENANTHRENE	34623	39121
4000	4000	UG/KG ANTHRACENE	34623	39121
4000	4000	UG/KG DI-CHLOROPHTHALATE	34719	39121
3200	3200	UG/KG FLUORANTHENE	34672	39121
2600	2600	UG/KG BENZYL BUTYL PHthalate	34295	39121
4400	3600	UG/KG BIS(2-ETHYLHEXYL) PHthalate	34295	39121
17000	17000	UG/KG BIS(2-(4-ANTHRACENE	34502	39121
80000	80000	UG/KG CHRYSENE	34323	39121
25000	25000	UG/KG 3,2-DICHLOROPHTHALATE	34249	39121
12000	12000	UG/KG BENZO(B)FLUORANTHENE	34249	39121
60000	60000	UG/KG BENZO(A)FLUORANTHENE	34249	39121
40000	40000	UG/KG BENZO(C)FLUORANTHENE	34249	39121
20000	20000	UG/KG INDENO[1,2,3-CD] PYRENE	34425	39121
80000	80000	UG/KG DIBENZ[A,H]ANTHACENE	34524	39121
40000	40000	UG/KG BENZO[GHI]PERYLENE	34524	39121
20000	20000	UG/KG 2-CHLOROPHENOL	34589	39121
80000	80000	UG/KG PHENOL	34609	39121
40000	40000	UG/KG 2,4-DIMETHYLPHENOL	34609	39121
20000	20000	UG/KG 2,4-DICHLOROPHENOL	34609	39121
80000	80000	UG/KG 2,4-CHLOROPHENOL	34609	39121
40000	40000	UG/KG 2,4-DIMETHYL-4,6-DINITROPHENOL	34660	39121
20000	20000	UG/KG 2,4-DIMETHYL-4,6-DINITROPHENOL	34660	39121
80000	80000	UG/KG PENTACHLOROPHENOL	34660	39121
40000	40000	UG/KG 4-NITROPHENOL	34660	39121

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SAMPLE AND ANALYSTS MANAGEMENT SYSTEM  
EPAESD/REGISTRY

AGENCIES GEORGIA

12/15/82  
EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 82C2828 SAMPLE TYPE: SOIL

PROJECT NO: 82-131B PROGRAM ELEMENT: NSFE  
SOURCE: SAID SITE TROUSDALE RD CITY: NASHVILLE STATE: TN

SAMPLE COLLECTION! START DATE/TIME 08/16/82 1500  
SAMPLE COLLECTION! STOP DATE/TIME 00/00/00 0000  
COLLECTED BY: SMITH/WILSON RECEIVED FROM: REC'D BY:  
SAMPLE REC'D: DATE/TIME 00/00/00 0000  
SEALED:  
INITIALS: RCB

CASE NO.: 1220 ORG SAMPLE NO.: D 1340 INORG SAMPLE NO.: MD 8961  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN LABS  
REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180  
SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: CHH  
\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*  
 \*AVERAGE VALUE \*NA-NOT ANALYZED \*N/A-INTERFERENCES  
 \*ESTIMATED VALUE \*\*NP-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM DETECTION LIMIT.

RESULTS	UNITS	COMPOUND
NA	UG/KG	4-MITROSDIMETHYLAMINE/AZURENE
400000	UG/KG	1,2-DIPHENYLHYDRAZINE/AZURENE
100000	UG/KG	HEXIDINE
100000	UG/KG	1,3-DICHLOROBENZENE
100000	UG/KG	1,4-DICHLOROBENZENE
100000	UG/KG	1,2-DICHLOROBENZENE
100000	UG/KG	1-(2-CHLOROETHYL) ETHER
100000	UG/KG	HEXYCHLOROETHANE
200000	UG/KG	BIS(2-CHLORODIISOPROPYL) ETHER
200000	UG/KG	NITROSOPROPYL PROPYL AMINE
100000	UG/KG	NITROBENZENE
100000	UG/KG	HEXAUCHLOROBUTADIENE
100000	UG/KG	1,2,4-TRICHLOROBENZENE
100000	UG/KG	1-NAPHTHALENE
200000	UG/KG	BIS(2-CHLOROETHOXY) METHANE
100000	UG/KG	ISOPHORONE
100000	UG/KG	HEXAUCHLOROCYCLOPENTADIENE (HCCP)
100000	UG/KG	2-CHLORONONAPHTHALENE
100000	UG/KG	ACENAPHTHENONE
100000	UG/KG	ACENAPHTHENE
200000	UG/KG	DIMETHYL PHthalate
200000	UG/KG	2,4-DINITROTOLUENE
200000	UG/KG	2,6-DINITROBENZENE
200000	UG/KG	4,6-DINITROPHENYL PHENYL ETHER
100000	UG/KG	FLUORENE
100000	UG/KG	DIFLUOROPHTHALATE
100000	UG/KG	HEXANITRODIPHENYLAMINE/DIPHENYLAMINE
100000	UG/KG	HEXYCHLOROBENZENE (HCB)
100000	UG/KG	4-AROMOPHENYL PHENYL ETHER
100000	UG/KG	PHENANTHRENE
100000	UG/KG	ANTHACENT
100000	UG/KG	DI-K-BUTYLPHthalate
100000	UG/KG	FLUORANTHENE
100000	UG/KG	PYRENE
100000	UG/KG	BENZYL BUTYL PHthalate
100000	UG/KG	RIS(2-ETHYLHEXYL) PHthalate
100000	UG/KG	HEXADCAANTHACENE
100000	UG/KG	CHARTENE
200000	UG/KG	3,3'-DICHLOROBENZIDINE
200000	UG/KG	3,3'-OCTYLPHthalate
200000	UG/KG	BENZO(B)FLUORANTHENE
200000	UG/KG	BENZOC(K)FLUORANTHENE
200000	UG/KG	BENZO(A)PYRENE
200000	UG/KG	INDENO (1,2,3-CD) PYRENE
200000	UG/KG	DIRENUCA(H)ANTHACENE
200000	UG/KG	BENZO(GHI)PERYLENE
200000	UG/KG	2-CHLOROPHENOL
200000	UG/KG	2-NITROPHENOL
100000	UG/KG	PHENOL
100000	UG/KG	2,4-DIMETHYPHENOL
100000	UG/KG	2,4-DICHLOROPHENOL
100000	UG/KG	2,4,4-TRICHLOROPHENOL
200000	UG/KG	4-CHLORO-3-METHYLPHENOL
200000	UG/KG	2,4,4-DINITROPHENOL
200000	UG/KG	2-METHYL-4,6-DINITROPHENOL
100000	UG/KG	PENTACHLOROPHENOL
400000	UG/KG	4-NITROPHENOL
100000	UG/KG	MOSTINE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD/HFG IV  
ATHENS, GEORGIA

12/15/82 EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SDIL/SLUDGE(DRY WT)

SAMPLE NO. I 82C2921 SAMPLE TYPE: SOIL

PROJECT NO.: W2-131B PROGRAM ELEMENT: NSF  
SOURCE: SAID SITE IRVINDALE RD.

ESTIMATION IN DISEASE

THE JOURNAL OF CLIMATE

SAMPLE REC'D: DATE/TIME 00/00/00 - 0 REC'D BY:  
SEALED!

CHEMISTI DGR

PLATE NO. 1, 1220, ORG SAMPLE NO. D 1244 INDRG SAMPLE NO. 1 MD 8954

תְּהִלָּה בְּשֵׁם יְהוָה אֱלֹהֵינוּ מֶלֶךְ עָלָיו וְעַל כָּל־בָּנָיו

REMARKS INORG SAMPLES SHIPPED BY FED-EXP 406213180

SAMPLE LUJ VERIFIED BY [REDACTED] DATA VERIFIED BY [REDACTED]

QUANT. FOR ALL COMPODS EXCEPT PHENOLS IS SUSPECT BASED ON QC DATA

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\*NA=NOT ANALYZED      \*NHI=INTERFERENCES

THE MATERIAL WAS ANALYZED FOR GUT, BUT DETECTED, THE NUMBER IS THE MINIMUM DETECTION LIMIT.

\*\*\*ANALYTICAL RESULTS\*\*\*

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEMS FOR EPA-ESD, REG. IV

ATHENS  
GEORGIA

## RESULTS

SISTEM DE INFORMAÇÕES GEOLÓGICAS

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**EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET**

**EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)**

SAMPLE NO. 1 82C2820      SAMPLE TYPE: SOIL

PROJECT NO: 82-1318 PROGRAM ELEMENT: NSF  
SOURCE: SARD SITE: TROUSDALE RD STATE: TN  
CITY: NASHVILLE CITY STATE: TN  
STATION ID: SS-CS-6  
STORET STATION NO:  
SAMPLE COLLECTION: START DATE/TIME: 08/16/82 1305  
SAMPLE COLLECTION: STOP DATE/TIME: 08/16/00  
COLLECTED BY: C.H. WILSON  
SAMPLE REC'D DATE/TIME: 00/00/00 RECEIVED FROM: REC'D BY:  
SEALED:

CASE NO: 1220 DRG SAMPLE NO: D 1243 INORG SAMPLE NO. 1 MD 6953  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN. LABS  
REMARK: DRG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180  
SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: CHH  
\*\*\*\*REMARKS\*\*\*  
>QUANT. FOR ALL COMPODS EXCEPT PHENOLS IS SUSPECT BASED ON QC DAT

\*\*\*FOOTNOTES\*\*\*  
 \*AVERAGE VALUE \*A-NOT ANALYZED \*NAT-INTERFERENCES  
 \*ESTIMATED VALUE \*NPRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*SUB-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM DETECTION LIMIT.

## SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

EPA-ESD REG IV  
ATHENS, GEORGIA

12/15/82

EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 82C2825      SAMPLE TYPE: SOIL

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STOCK#
8000	UG/KG	N,N'-BISOPHENYLHYDRAZINE/2,4-BENZENEDIOL	34941
16000	UG/KG	1,2-DIMETHYLHYDRAZINE/2,4-BENZENEDIOL	34949
40000	UG/KG	1,3-DICHLOROBENZENE	34121
40000	UG/KG	1,4-DICHLOROBENZENE	34504
40000	UG/KG	4,4'-DICHLOROBENZENE	34514
40000	UG/KG	4,4'-BIS(2-CHLOROETHYL) ETHER	34539
80000	UG/KG	4,4'-BIS(2-CHLOROISOPROPYL) ETHER	34270
80000	UG/KG	4-NITROBENZENE	34949
40000	UG/KG	4,4'-NITROBODIENONE-PROPYLAMINE	34950
40000	UG/KG	4,4'-NITROBODIENONE-PROPYLAMINE	34951
40000	UG/KG	4,4'-NITROBODIENONE-PROPYLAMINE	34952
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34953
80000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34954
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34955
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34956
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34957
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34958
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34959
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34960
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34961
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34962
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34963
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34964
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34965
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34966
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34967
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34968
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34969
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34970
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34971
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34972
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34973
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34974
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34975
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34976
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34977
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34978
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34979
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34980
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34981
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34982
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34983
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34984
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34985
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34986
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34987
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34988
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34989
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34990
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34991
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34992
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34993
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34994
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34995
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34996
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34997
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34998
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	34999
40000	UG/KG	1,2,4-TRICHLOROBENZENE-E	35000

PROJECT NO: 82-131A      PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE: TROUSDALE RD  
CITY: NASHVILLE STATE: TN  
STATION ID: SS-CS-7  
STATION STATION NO: 1  
SAMPLE COLLECTION: START DATE/TIME 08/16/82 1400  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0  
COLLECTED BY: CHH/WILSON RECEIVED FROM: REC'D BY:  
SAMPLE REC'D DATE/TIME 00/00/00 RECEIVED BY:  
SEALED!  
CHEMIST: DGR  
ANALYTICAL METHOD:  
CASE NO: 1220      DRG SAMPLE NO: D 1279      INDRG SAMPLE NO: 110 8958  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INDORGANIC): ROCKY MOUNTAIN LABS  
REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INDRG SAMPLES SHIPPED BY FED EXP 406215180  
SAMPLE LOG VERIFIED BY: DLC      DATA VERIFIED BY: CHH  
\*\*\*REMARKS\*\*\*  
>QUANT. FOR ALL COMPOS EXCEPT PHENOLS IS SUSPECT BASED ON QC DATA

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*-AVERAGE VALUE    \*NA=NOT ANALYZED    \*NAI=INTERFERENCES  
\*J=ESTIMATED VALUE    \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

40000	UG/KG	4-AVODROPOLENE	34960
40000	UG/KG	4,4'-DIMETHYLPHENOL	34961
40000	UG/KG	2,4,4'-TRICHLOROPHENOL	34962
40000	UG/KG	2,4,6-TRICHLOROPHENOL	34963
40000	UG/KG	2,4,4'-CHLORO-3-METHYLPHENOL	34964
20000	UG/KG	2,4,4'-DINITRUPHENOL	34965
80000	UG/KG	2,4-METHYL-4,4'-DINITROPHENOL	34966
40000	UG/KG	2,4-NITROPHENOL	34967
40000	UG/KG	4-NITROBENZENE	34968
40000	UG/KG	4-NITROBODIENONE-PROPYLAMINE	34969
40000	UG/KG	4-NITROBODIENONE-PROPYLAMINE	34970
40000	UG/KG	4-NITROBODIENONE-PROPYLAMINE	34971
40000	UG/KG	4-NITROBODIENONE-PROPYLAMINE	34972
40000	UG/KG	4-NITROBODIENONE-PROPYLAMINE	34973
40000	UG/KG	4-NITROBODIENONE-PROPYLAMINE	34974
40000	UG/KG	4-NITROBODIENONE-PROPYLAMINE	34975
40000	UG/KG	4-NITROBODIENONE-PROPYLAMINE	34976
40000	UG/KG	4-NITROBODIENONE-PROPYLAMINE	34977
40000	UG/KG	4-NITROBODIENONE-PROPYLAMINE	34978
40000	UG/KG	4-NITROBODIENONE-PROPYLAMINE	34979
40000	UG/KG	4-NITROBODIENONE-PROPYLAMINE	34980
40000	UG/KG	4-NITROBODIENONE-PROPYLAMINE	34981
40000	UG/KG	4-NITROBODIENONE-PROPYLAMINE	34982
40000	UG/KG	4-NITROBODIENONE-PROPYLAMINE	34983
40000	UG/KG	4-NITROBODIENONE-PROPYLAMINE	34984
40000	UG/KG	4-NITROBODIENONE-PROPYLAMINE	34985
40000	UG/KG	4-NITROBODIENONE-PROPYLAMINE	34986
40000	UG/KG	4-NITROBODIENONE-PROPYLAMINE	34987
40000	UG/KG	4-NITROBODIENONE-PROPYLAMINE	34988
40000	UG/KG	4-NITROBODIENONE-PROPYLAMINE	34989
40000	UG/KG	4-NITROBODIENONE-PROPYLAMINE	34990
40000	UG/KG	4-NITROBODIENONE-PROPYLAMINE	34991
40000	UG/KG	4-NITROBODIENONE-PROPYLAMINE	34992
40000	UG/KG	4-NITROBODIENONE-PROPYLAMINE	34993
40000	UG/KG	4-NITROBODIENONE-PROPYLAMINE	34994
40000	UG/KG	4-NITROBODIENONE-PROPYLAMINE	34995
40000	UG/KG	4-NITROBODIENONE-PROPYLAMINE	34996
40000	UG/KG	4-NITROBODIENONE-PROPYLAMINE	34997
40000	UG/KG	4-NITROBODIENONE-PROPYLAMINE	34998
40000	UG/KG	4-NITROBODIENONE-PROPYLAMINE	34999
40000	UG/KG	4-NITROBODIENONE-PROPYLAMINE	35000

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

EPA-ESD REGIV

ATHENS, GEORGIA

12/15/82

EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 82C2826      SAMPLE TYPE: SOIL

PROJECT NO.: 82-131<sup>H</sup> PROGRAM ELEMENT: NSF  
SOURCE: SAWD SITE TROUSDALE RD  
CITY: NASHVILLE STATE: TN  
STATION ID#: SS-CSS-85  
STORED STATION NO#:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1430  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0  
COLLECTED BY: "ILSON"  
RECEIVED FROM: 0 REC'D BY: 0  
SAMPLE REC'D DATE/TIME 00/00/00  
SEALED: 0

CHEMIST: DGR  
ANALYTICAL METHOD:

CASE NO.: 1220 DRG SAMPLE NO.: D 1280 INORG SAMPLE NO.: MD 8959  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MOUNTAIN LABS

REMARK: DRG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DUC      DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A=OVERAGE VALUE    \*N=A=NOT ANALYZED  
\*U=ESTIMATED VALUE    \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*M=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****			
RESULTS	UNITS	COMPOUND	SLURKET
NA	UG/KG	N-NITROSO-DIMETHYLAMINE	34441
8000	UG/KG	1,2-DIPHENYLHYDRAZINE/ADBUEN-ZENE	34349
16000	UG/KG	BENZODIOLOBENZENE	34121
40000	UG/KG	1,3-DICHLOROBENZENE	34569
40000	UG/KG	1,4-DICHLOROBENZENE	34514
40000	UG/KG	1,2-DICHLOROBENZENE	34514
40000	UG/KG	BIS(2-CHLOROETHYL) ETHER	34216
80000	UG/KG	BIS(2-CHLORODISOPROPYL) ETHER	34286
80000	UG/KG	N-MITROSODIMIN-PROPIONYLAMINE	34451
40000	UG/KG	HEXACHLOROBENZENE	34465
40000	UG/KG	HEXA-CHLOROBUTADIENE	34505
40000	UG/KG	1,2,4-TRICHLOROBENZENE	34554
80000	UG/KG	N,N-DI-CHLOROETHYLENE	34645
80000	UG/KG	BIS(2-CHLOROETHOXY) METHANE	34621
40000	UG/KG	ISOPHORONE	34911
40000	UG/KG	HEXA-CHLOROCYCLOPENTADIENE (HCCP)	34589
40000	UG/KG	2,4-CHLORODONAPHTHALENE	34584
40000	UG/KG	4-CHLOROPHENYLENE	34584
40000	UG/KG	4-CHLOROPHENYLPHENYLENE	34523
40000	UG/KG	4-METHYL-PHTHALATE	34420
40000	UG/KG	4-NITRUDISUBSTITUTED PHENYLAMINE/DIPHENYLAMINE	34436
40000	UG/KG	HEXA-CHLOROBENZENE (HCB)	34631
40000	UG/KG	4-TRIMETHYL-PHTHALATE	34631
40000	UG/KG	2,4-DINITROTOLUENE	34614
80000	UG/KG	2,4-DINITRUTOLUENE	34629
80000	UG/KG	2,4-DINITRUTOLUENE	34629
40000	UG/KG	4-CHLOROPHENYL-PHENYL ETHER	34644
40000	UG/KG	FLUORENE	34384
40000	UG/KG	DIMETHYL-PHTHALATE	34339
40000	UG/KG	4-NITROBUTYL-PHTHALATE	34423
40000	UG/KG	FUMARANTHENE	34471
40000	UG/KG	PYRENE	34631
40000	UG/KG	4-BENZYL-BUTYL-PHTHALATE	34631
40000	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE	34631
40000	UG/KG	4-CHLOROPHENYL-PHENYL ETHER	34631
40000	UG/KG	ANTHRACENE	34631
40000	UG/KG	DIMETHYL-PHTHALATE	34631
40000	UG/KG	4-NITROBUTYL-PHTHALATE	34631
40000	UG/KG	FUMARANTHENE	34631
40000	UG/KG	PYRENE	34631
40000	UG/KG	4-BENZYL-BUTYL-PHTHALATE	34631
40000	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE	34631
40000	UG/KG	4-CHLOROPHENYL-PHENYL ETHER	34631
40000	UG/KG	ANTHRACENE	34631
40000	UG/KG	DIMETHYL-PHTHALATE	34631
40000	UG/KG	4-NITROBUTYL-PHTHALATE	34631
40000	UG/KG	FUMARANTHENE	34631
40000	UG/KG	PYRENE	34631
40000	UG/KG	4-BENZYL-BUTYL-PHTHALATE	34631
40000	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE	34631
40000	UG/KG	4-CHLOROPHENYL-PHENYL ETHER	34631
40000	UG/KG	ANTHRACENE	34631
40000	UG/KG	DIMETHYL-PHTHALATE	34631
40000	UG/KG	4-NITROBUTYL-PHTHALATE	34631
40000	UG/KG	FUMARANTHENE	34631
40000	UG/KG	PYRENE	34631
40000	UG/KG	4-BENZYL-BUTYL-PHTHALATE	34631
40000	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE	34631
40000	UG/KG	4-CHLOROPHENYL-PHENYL ETHER	34631
40000	UG/KG	ANTHRACENE	34631
40000	UG/KG	DIMETHYL-PHTHALATE	34631
40000	UG/KG	4-NITROBUTYL-PHTHALATE	34631
40000	UG/KG	FUMARANTHENE	34631
40000	UG/KG	PYRENE	34631
40000	UG/KG	4-BENZYL-BUTYL-PHTHALATE	34631
40000	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE	34631
40000	UG/KG	4-CHLOROPHENYL-PHENYL ETHER	34631
40000	UG/KG	ANTHRACENE	34631
40000	UG/KG	DIMETHYL-PHTHALATE	34631
40000	UG/KG	4-NITROBUTYL-PHTHALATE	34631
40000	UG/KG	FUMARANTHENE	34631
40000	UG/KG	PYRENE	34631
40000	UG/KG	4-BENZYL-BUTYL-PHTHALATE	34631
40000	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE	34631
40000	UG/KG	4-CHLOROPHENYL-PHENYL ETHER	34631
40000	UG/KG	ANTHRACENE	34631
40000	UG/KG	DIMETHYL-PHTHALATE	34631
40000	UG/KG	4-NITROBUTYL-PHTHALATE	34631
40000	UG/KG	FUMARANTHENE	34631
40000	UG/KG	PYRENE	34631
40000	UG/KG	4-BENZYL-BUTYL-PHTHALATE	34631
40000	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE	34631
40000	UG/KG	4-CHLOROPHENYL-PHENYL ETHER	34631
40000	UG/KG	ANTHRACENE	34631
40000	UG/KG	DIMETHYL-PHTHALATE	34631
40000	UG/KG	4-NITROBUTYL-PHTHALATE	34631
40000	UG/KG	FUMARANTHENE	34631
40000	UG/KG	PYRENE	34631
40000	UG/KG	4-BENZYL-BUTYL-PHTHALATE	34631
40000	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE	34631
40000	UG/KG	4-CHLOROPHENYL-PHENYL ETHER	34631
40000	UG/KG	ANTHRACENE	34631
40000	UG/KG	DIMETHYL-PHTHALATE	34631
40000	UG/KG	4-NITROBUTYL-PHTHALATE	34631
40000	UG/KG	FUMARANTHENE	34631
40000	UG/KG	PYRENE	34631
40000	UG/KG	4-BENZYL-BUTYL-PHTHALATE	34631
40000	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE	34631
40000	UG/KG	4-CHLOROPHENYL-PHENYL ETHER	34631
40000	UG/KG	ANTHRACENE	34631
40000	UG/KG	DIMETHYL-PHTHALATE	34631
40000	UG/KG	4-NITROBUTYL-PHTHALATE	34631
40000	UG/KG	FUMARANTHENE	34631
40000	UG/KG	PYRENE	34631
40000	UG/KG	4-BENZYL-BUTYL-PHTHALATE	34631
40000	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE	34631
40000	UG/KG	4-CHLOROPHENYL-PHENYL ETHER	34631
40000	UG/KG	ANTHRACENE	34631
40000	UG/KG	DIMETHYL-PHTHALATE	34631
40000	UG/KG	4-NITROBUTYL-PHTHALATE	34631
40000	UG/KG	FUMARANTHENE	34631
40000	UG/KG	PYRENE	34631
40000	UG/KG	4-BENZYL-BUTYL-PHTHALATE	34631
40000	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE	34631
40000	UG/KG	4-CHLOROPHENYL-PHENYL ETHER	34631
40000	UG/KG	ANTHRACENE	34631
40000	UG/KG	DIMETHYL-PHTHALATE	34631
40000	UG/KG	4-NITROBUTYL-PHTHALATE	34631
40000	UG/KG	FUMARANTHENE	34631
40000	UG/KG	PYRENE	34631
40000	UG/KG	4-BENZYL-BUTYL-PHTHALATE	34631
40000	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE	34631
40000	UG/KG	4-CHLOROPHENYL-PHENYL ETHER	34631
40000	UG/KG	ANTHRACENE	34631
40000	UG/KG	DIMETHYL-PHTHALATE	34631
40000	UG/KG	4-NITROBUTYL-PHTHALATE	34631
40000	UG/KG	FUMARANTHENE	34631
40000	UG/KG	PYRENE	34631
40000	UG/KG	4-BENZYL-BUTYL-PHTHALATE	34631
40000	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE	34631
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40000	UG/KG	ANTHRACENE	34631
40000	UG/KG	DIMETHYL-PHTHALATE	34631
40000	UG/KG	4-NITROBUTYL-PHTHALATE	34631
40000	UG/KG	FUMARANTHENE	34631
40000	UG/KG	PYRENE	34631
40000	UG/KG	4-BENZYL-BUTYL-PHTHALATE	34631
40000	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE	34631
40000	UG/KG	4-CHLOROPHENYL-PHENYL ETHER	34631
40000	UG/KG	ANTHRACENE	34631
40000	UG/KG	DIMETHYL-PHTHALATE	34631
40000	UG/KG	4-NITROBUTYL-PHTHALATE	34631
40000	UG/KG	FUMARANTHENE	34631
40000	UG/KG	PYRENE	34631
40000	UG/KG	4-BENZYL-BUTYL-PHTHALATE	34631
40000	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE	34631
40000	UG/KG	4-CHLOROPHENYL-PHENYL ETHER	34631
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40000	UG/KG	4-NITROBUTYL-PHTHALATE	34631
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40000	UG/KG	4-NITROBUTYL-PHTHALATE	34631
40000	UG/KG	FUMARANTHENE	34631
40000	UG/KG	PYRENE	34631
40000	UG/KG	4-BENZYL-BUTYL-PHTHALATE	34631
40000	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE	34631
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40000	UG/KG	DIMETHYL-PHTHALATE	34631
40000	UG/KG	4-NITROBUTYL-PHTHALATE	34631
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40000	UG/KG	4-NITROBUTYL-PHTHALATE	34631
40000	UG/KG	FUMARANTHENE	34631
40000	UG/KG	PYRENE	34631
40000	UG/KG	4-BENZYL-BUTYL-PHTHALATE	34631
40000	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE	34631
40000	UG/KG	4-CHLOROPHENYL-PHENYL ETHER	34631
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40000	UG/KG	DIMETHYL-PHTHALATE	34631
40000	UG/KG	4-NITROBUTYL-PHTHALATE	34631
40000	UG/KG	FUMARANTHENE	34631
40000	UG/KG	PYRENE	34631
40000	UG/KG	4-BENZYL-BUTYL-PHTHALATE	34631
40000	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE	34631
40000	UG/KG	4-CHLOROPHENYL-PHENYL ETHER	34631
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40000	UG/KG	4-NITROBUTYL-PHTHALATE	34631
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40000	UG/KG	4-BENZYL-BUTYL-PHTHALATE	34631
40000	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE	34631
40000	UG/KG	4-CHLOROPHENYL-PHENYL ETHER	34631
40000	UG/KG	ANTHRACENE	34631
40000	UG/KG	DIMETHYL-PHTHALATE	34631
40000	UG/KG	4-NITROBUTYL-PHTHALATE	34631
40000	UG/KG	FUMARANTHENE	34631
40000	UG/KG	PYRENE	34631
40000	UG/KG	4-BENZYL-BUTYL-PHTHALATE	34

28 0113

SAD #: 82C2818 SMO #: D1241 PROJECT #: 82-131B CONTRACT LAB: Mead  
 SOURCE: SAAD Site Trousdale Rd. CITY: Nashville STATE: TN  
 STATION: SS-CS-1 DATE/TIME COLLECTED: 8/16/82 12:45

EXTRACTABLE ORGANIC ANALYSIS

CAS #	COMPOUND	RESULTS: ug/kg
65-85-0	benzoic acid	400U
95-48-7	2-methylphenol	400U
108-39-4	4-methylphenol	400U
95-95-4	2, 4, 5-trichlorophenol	400U
62-53-3	aniline	400U
100-51-6	benzyl alcohol	800U
106-47-8	4-chloroaniline	2000U
132-64-9	dibenzofuran	400U
91-57-6	2-methyl naphthalene	800U
88-4-2	2-nitroaniline	4000U
99-09-2	3-nitroaniline	4000U
100-01-6	4-nitroaniline	4000U

VOLATILE ORGANIC ANALYSIS

CAS #	COMPOUND	RESULTS: ug/kg
67-64-1	acetone	50U
78-93-3	methyl ethyl ketone	100U
75-15-0	carbon disulfide	5U
519-78-6	2-hexanone	50U
108-10-1	methyl isobutyl ketone	50U
100-42-5	styrene	5U
103-05-4	vinyl acetate	5U

J-estimated value.

N-Presumptive evidence of presence of material.

U-Material was analyzed for but not detected. The number is the minimum detection limit.

K-Actual value is known to be less than value given.

A-Average value

NA-Compound not analyzed for.

SAMPLE TYPE Soil

2 8 0114

SAD #: 82C-2819 SMO #: D1242 PROJECT #: 82-131B CONTRACT LAB: Mead  
 SOURCE: SAAD Site Trousdale Rd. CITY: Nashville STATE: TN  
 SECTION: SS-CS-2 DATE/TIME COLLECTED: 8/16/82 12:50

EXTRACTABLE ORGANIC ANALYSIS

CAS #	COMPOUND	RESULTS:	ug/kg
<u>65-85-0</u>	<u>benzoic acid</u>		<u>400U</u>
<u>95-48-7</u>	<u>2-methylphenol</u>		<u>400U</u>
<u>108-39-4</u>	<u>4-methylphenol</u>		<u>400U</u>
<u>95-95-4</u>	<u>2, 4, 5-trichlorophenol</u>		<u>400U</u>
<u>62-53-3</u>	<u>aniline</u>		<u>400U</u>
<u>100-51-6</u>	<u>benzyl alcohol</u>		<u>800U</u>
<u>106-47-8</u>	<u>4-chloroaniline</u>		<u>2000U</u>
<u>132-64-9</u>	<u>dibenzofuran</u>		<u>400U</u>
<u>91-57-6</u>	<u>2-methyl naphthalene</u>		<u>800U</u>
<u>88-74-2</u>	<u>2-nitroaniline</u>		<u>4000U</u>
<u>99-09-2</u>	<u>3-nitroaniline</u>		<u>4000U</u>
<u>100-01-6</u>	<u>4-nitroaniline</u>		<u>4000U</u>

VOLATILE ORGANIC ANALYSIS

CAS #	COMPOUND	RESULTS:	ug/kg
<u>67-64-1</u>	<u>acetone</u>		<u>50U</u>
<u>78-93-3</u>	<u>methyl ethyl ketone</u>		<u>100U</u>
<u>75-15-0</u>	<u>carbon disulfide</u>		<u>5U</u>
<u>519-78-6</u>	<u>2-hexanone</u>		<u>50U</u>
<u>108-10-1</u>	<u>methyl isobutyl ketone</u>		<u>50U</u>
<u>100-42-5</u>	<u>styrene</u>		<u>5U</u>
<u>103-05-4</u>	<u>vinyl acetate</u>		<u>5U</u>

J-Estimated value.

N-Presumptive evidence of presence of material.

U-Material was analyzed for but not detected. The number is the minimum detection limit.

K-Actual value is known to be less than value given.

A-Average value

NA-Compound not analyzed for.

SAD #: 82C2823 SMO #: D1246 PROJECT #: 82-131B CONTRACT LAB: Mead  
 SOURCE: SAAD Site Trousdale Rd. CITY: Nashville STATE: TN  
 STATION: SS-CS-3 DATE/TIME COLLECTED: 8/16/82 1340

EXTRACTABLE ORGANIC ANALYSIS

CAS #	COMPOUND	RESULTS:	ug/kg
65-85-0	benzoic acid		400U
95-48-7	2-methylphenol		400U
108-39-4	4-methylphenol		400U
95-95-4	2, 4, 5-trichlorophenol		400U
62-53-3	aniline		400U
100-51-6	benzyl alcohol		800U
106-47-8	4-chloroaniline		2000U
132-64-9	dibenzofuran		400U
91-7-6	2-methyl naphthalene		800U
88-74-2	2-nitroaniline		4000U
99-09-2	3-nitroaniline		4000U
100-01-6	4-nitroaniline		4000U

VOLATILE ORGANIC ANALYSIS

CAS #	COMPOUND	RESULTS:	ug/kg
67-64-1	acetone		5.2J
78-93-3	methyl ethyl ketone		100U
75-15-0	carbon disulfide		5U
519-78-6	2-hexanone		6.2J
108-10-1	methyl isobutyl ketone		50U
100-42-5	styrene		5U
10-35-4	vinyl acetate		5U

J-Estimated value.

N-Presumptive evidence of presence of material.

U-Material was analyzed for but not detected. The number is the minimum detection limit.

K-Actual value is known to be less than value given.

A-Average value

2 8 0116

SAD #: 82C2824 SMO #: D1278 PROJECT #: 82-131B CONTRACT LAB: Mead

SOURCE: SAAD Site Trousdale Rd. CITY: Nashville STATE: TN

SPECION: SS-CS-3A DATE/TIME COLLECTED: 8/16/82 1345

EXTRACTABLE ORGANIC ANALYSIS

CAS #	COMPOUND	RESULTS:	ug/kg
65-85-0	benzoic acid		400U
95-48-7	2-methylphenol		400U
108-39-4	4-methylphenol		400U
95-95-4	2, 4, 5-trichlorophenol		400U
62-53-3	aniline		400U
100-51-6	benzyl alcohol		800U
106-47-8	4-chloroaniline		2000U
132-64-9	dibenzofuran		400U
91-57-6	2-methyl naphthalene		800U
88-74-2	2-nitroaniline		4000U
99-09-2	3-nitroaniline		4000U
100-01-6	4-nitroaniline		4000U

VOLATILE ORGANIC ANALYSIS

CAS #	COMPOUND	RESULTS:	ug/kg
67-64-1	acetone		50U
78-93-3	methyl ethyl ketone		100U
75-15-0	carbon disulfide		5U
519-78-6	2-hexanone		50U
108-10-1	methyl isobutyl ketone		50U
100-42-5	styrene		5U
103-05-4	vinyl acetate		5U

J-Estimated value.

N-Presumptive evidence of presence of material.

U-Material was analyzed for but not detected. The number is the minimum detection limit.

K-Actual value is known to be less than value given.

A-Average value

NA-Compound not analyzed for.

SAD #: 82C2828 SMO #: D1340 PROJECT #: 82-131B CONTRACT LAB: Mead  
 SOURCE: SAAD Site Trousdale Rd. CITY: Nashville STATE: TN  
 STATION: SS-CS-4 DATE/TIME COLLECTED: 8/16/82 1500

EXTRACTABLE ORGANIC ANALYSIS

CAS #	COMPOUND	RESULTS: ug/kg
65-85-0	benzoic acid	100,000U
95-48-7	2-methylphenol	10,000U
108-39-4	4-methylphenol	10,000U
95-95-4	2, 4, 5-trichlorophenol	100,000U
62-53-3	aniline	10,000U
100-51-6	benzyl alcohol	20,000U
106-47-8	4-chloroaniline	50,000U
132-64-9	dibenzofuran	10,000U
91-7-6	2-methyl naphthalene	20,000U
88-74-2	2-nitroaniline	100,000U
99-09-2	3-nitroaniline	100,000U
100-01-6	4-nitroaniline	100,000U

VOLATILE ORGANIC ANALYSIS

CAS #	COMPOUND	RESULTS: ug/kg
67-64-1	acetone	50U
78-93-3	methyl ethyl ketone	100U
75-15-0	carbon disulfide	5U
519-78-6	2-hexanone	50U
108-10-1	methyl isobutyl ketone	50U
100-42-5	styrene	5U
10-95-4	vinyl acetate	5U

J-Estimated value.

N-Presumptive evidence of presence of material.

U-Material was analyzed for but not detected. The number is the minimum detection limit.

K-Actual value is known to be less than value given.

A-Average value

SAD #: 82C2821 SMO #: D1244 PROJECT #: 82-131B CONTRACT LAB: Mead  
 SOURCE: SAAD Site Trousdale Rd. CITY: Nashville STATE: TN  
 STATION: DD-CS-5S DATE/TIME COLLECTED: 8/16/82 1320

EXTRACTABLE ORGANIC ANALYSIS

CAS #	COMPOUND	RESULTS: ug/kg
65-85-0	benzoic acid	400U
95-48-7	2-methylphenol	400U
108-39-4	4-methylphenol	400U
95-95-4	2, 4, 5-trichlorophenol	400U
62-53-3	aniline	400U
100-51-6	benzyl alcohol	800U
106-47-8	4-chloroaniline	2000U
132-64-9	dibenzofuran	400U
91-76	2-methyl naphthalene	800U
88-74-2	2-nitroaniline	4000U
99-09-2	3-nitroaniline	4000U
100-01-6	4-nitroaniline	4000U

VOLATILE ORGANIC ANALYSIS

CAS #	COMPOUND	RESULTS: ug/kg
67-64-1	acetone	50U
78-93-3	methyl ethyl ketone	100U
75-15-0	carbon disulfide	5U
519-78-6	2-hexanone	50U
108-10-1	methyl isobutyl ketone	50U
100-42-5	styrene	5U
105-05-4	vinyl acetate	5U

J-Estimated value.

N-Presumptive evidence of presence of material.

U-Material was analyzed for but not detected. The number is the minimum detection limit.

K-Actual value is known to be less than value given.

A-Average value

2 8 0119

SAD #: 82C2620 SMO #: D1243 PROJECT #: 82-131B CONTRACT LAB: Mead  
 SOURCE: SAAD Site Trousdale Rd. CITY: Nashville STATE: TN  
 SECTION: SS-CS-6 DATE/TIME COLLECTED: 8/16/82 1305

EXTRACTABLE ORGANIC ANALYSIS

CAS #	COMPOUND	RESULTS: ug/kg
65-85-0	benzoic acid	400U
95-48-7	2-methylphenol	400U
108-39-4	4-methylphenol	400U
95-95-4	2, 4, 5-trichlorophenol	400U
62-53-3	aniline	400U
100-51-6	benzyl alcohol	800U
106-47-8	4-chloroaniline	2000U
132-64-9	dibenzofuran	400U
91-57-6	2-methyl naphthalene	800U
88-4-2	2-nitroaniline	4000U
99-09-2	3-nitroaniline	4000U
100-01-6	4-nitroaniline	4000U

VOLATILE ORGANIC ANALYSIS

CAS #	COMPOUND	RESULTS: ug/kg
67-64-1	acetone	50U
78-93-3	methyl ethyl ketone	100U
75-15-0	carbon disulfide	5U
519-78-6	2-hexanone	50U
108-10-1	methyl isobutyl ketone	50U
100-42-5	styrene	5U
103-05-4	vinyl acetate	5U

J-estimated value.

N-Presumptive evidence of presence of material.

U-Material was analyzed for but not detected. The number is the minimum detection limit.

K-Actual value is known to be less than value given.

A-Average value

NA-Compound not analyzed for.

SAMPLE TYPE Soil

2 8 0126

SAD #: 82C2825 SMO #: D1279 PROJECT #: 82-131B CONTRACT LAB: MeadSOURCE: SAAD Site Trousdale Rd. CITY: Nashville STATE: TNSECTION: SS-CS-7 DATE/TIME COLLECTED: 8/16/82 1400EXTRACTABLE ORGANIC ANALYSIS

CAS #	COMPOUND	RESULTS:	ug/kg
65-85-0	benzoic acid		400U
95-48-7	2-methylphenol		400U
108-39-4	4-methylphenol		400U
95-95-4	2, 4, 5-trichlorophenol		400U
62-53-3	aniline		400U
100-51-6	benzyl alcohol		800U
106-47-8	4-chloroaniline		2000U
132-64-9	dibenzofuran		400U
91-57-6	2-methyl naphthalene		800U
88-74-2	2-nitroaniline		4000U
99-09-2	3-nitroaniline		4000U
100-01-6	4-nitroaniline		4000U

VOLATILE ORGANIC ANALYSIS

CAS #	COMPOUND	RESULTS:	ug/kg
67-64-1	acetone		50U
78-93-3	methyl ethyl ketone		100U
75-15-0	carbon disulfide		5U
519-78-6	2-hexanone		50U
108-10-1	methyl isobutyl ketone		50U
100-42-5	styrene		5U
103-05-4	vinyl acetate		5U

J=Estimated value.

N=Presumptive evidence of presence of material.

U-Material was analyzed for but not detected. The number is the minimum detection limit.

K-Actual value is known to be less than value given.

A-Average value

NA-Compound not analyzed for.

SAMPLE TYPE Soil

2 8 0121

SAD #: 82C2826 SMO #: D1280 PROJECT #: 82-131B CONTRACT LAB: Mead  
 SOURCE: SAAD Site Trousdale Rd. CITY: Nashville STATE: TN  
 STATION: SS-CS-8S DATE/TIME COLLECTED: 8/16/82 1430

EXTRACTABLE ORGANIC ANALYSIS

CAS #	COMPOUND	RESULTS:	ug/kg
65-85-0	benzoic acid		400U
95-48-7	2-methylphenol		400U
108-39-4	4-methylphenol		400U
95-95-4	2, 4, 5-trichlorophenol		400U
62-53-3	aniline		400U
100-51-6	benzyl alcohol		800U
106-47-8	4-chloroaniline		2000U
132-64-9	dibenzofuran		400U
9-57-6	2-methyl naphthalene		800U
88-74-2	2-nitroaniline		4000U
99-09-2	3-nitroaniline		4000U
100-01-6	4-nitroaniline		4000U

VOLATILE ORGANIC ANALYSIS

CAS #	COMPOUND	RESULTS:	ug/kg
67-64-1	acetone		19J
78-93-3	methyl ethyl ketone		100U
75-15-0	carbon disulfide		5U
519-78-6	2-hexanone		50U
108-10-1	methyl isobutyl ketone		50U
100-42-5	styrene		5U
1-05-4	vinyl acetate		5U

J-Estimated value.

N-Presumptive evidence of presence of material.

U-Material was analyzed for but not detected. The number is the minimum detection limit.

K-Actual value is known to be less than value given.

A-Average value

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD-HEG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER  
10 MG/KG CYANIDE

STORET  
00721

11/02/82

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 82C2818 SAMPLE TYPE: SOIL

PROJECT NO.: 82-131H PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CS-1  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1245  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST: MAW CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1220 URG SAMPLE NO: D 1241 INORG SAMPLE NO.: MD 8951  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY Mtn AN. LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*  
>DATA REPORTED ON WET WEIGHT BASIS

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD-REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER  
IU MG/KG CYANIDE

STORED  
00721

11/02/82

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO. 82C2819 SAMPLE TYPE: SOIL

PROJECT NO.: 82-131B PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TRUSSDALE HD.  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CS-2  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1250  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST: MAW CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO: D 1242 INORG SAMPLE NO.: MD 8952  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN. LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*  
>DATA REPORTED ON WET WEIGHT BASIS

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER  
IU MG/KG CYANIDE

STORE  
00721

11/02/82

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 82C2823 SAMPLE TYPE: SOIL

PROJECT NO.: 82-131B PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD.  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CS-3  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1340  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST: MAW CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO: D 1246 INORG SAMPLE NO.: MD 8956  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY Mtn AN. LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176

REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

>DATA REPORTED ON WET WEIGHT BASIS

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD-REG IV  
ATLANTA, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER  
IU MG/KG CYANIDE

STORED  
00721

11/02/82

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: B2C2024 SAMPLE TYPE: SOIL

PROJECT NO.: H2-131B PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE THOUSDALE RD.  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CS-3A  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1345  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST: MAW CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO: D 1278 INORG SAMPLE NO.: MD 8957  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY Mtn AN. LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

>DATA REPORTED ON WET WEIGHT BASIS

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

- \*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES
- \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER  
3.4 MG/KG CYANIDE

STORET  
00721

11/02/82

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 82C2B28 SAMPLE TYPE: SOIL

PROJECT NO.: 82-1318 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CS-4  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1500  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:  
SEALED:

CHEMIST: MAW CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO: D 1340. INORG SAMPLE NO.: MD 8961  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*  
DATA REPORTED ON WET WEIGHT BASIS

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, NEG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER  
1.0 MG/KG CYANIDE

STORE  
00721

11/02/82

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: B2C2B21 SAMPLE TYPE: SOIL

PROJECT NO.: H2-131B PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE THOUSDALE RD.  
CITY: NASHVILLE STATE: TN

STATION I.D.: DD-CS-55  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1320  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:  
SEALED:

CHEMIST: MAW CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1220 URG SAMPLE NO: D 1244 INORG SAMPLE NO.: MD 8954  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN. LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

>DATA REPORTED ON WET WEIGHT BASIS.

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER  
IU MG/KG CYANIDE

STORE  
0072

11/02/82

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: B2C2820 SAMPLE TYPE: SOIL

PROJECT NO.: 82-1318 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD.  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CS-6  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1305  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST: MAW CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO: D 1243 INORG SAMPLE NO.: MD 8953  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MOUNTAIN AN. LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DUC DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*  
>DATA REPORTED ON WET WEIGHT BASIS

\*\*\*\*\*FOOTNOTES\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD-REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER  
PPM IU MG/KG CYANIDE

STORET  
00721

11/02/82

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: B2C2825 SAMPLE TYPE: SOIL

PROJECT NO.: 82-131B PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD.  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CS-7  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1400  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST: MAW CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO.: D 1279 INORG SAMPLE NO.: MU 8958  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN. LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

>DATA REPORTED ON WET WEIGHT BASIS

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

- \*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*NAI-INTERFERENCES
- \*J-ESTIMATED VALUE      \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER

1U

MG/KG CYANIDE

STORET  
00721

11/02/82

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 82C2826 SAMPLE TYPE: SOIL

PROJECT NO.: 82-131B PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD.  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CS-85  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1430  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:  
SEALED:

CHEMIST: MAW CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO.: D 1280 INORG SAMPLE NO.: MD 8959  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY Mtn AN. LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

>DATA REPORTED ON WEI. WEIGHT BASIS

\*\*\*\*\*  
\*\*\*FOOTNOTES\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESI, REG IV  
ATHENS GEORGIA

12/16/82      MISCELLANEOUS ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 82C2839      SAMPLE TYPE: SOIL

PROJECT NO.: 82-131B      PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD  
CITY: NASHVILLE      STATE: TN

STATION I.D.: SS-CF-SP  
STORET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 09/15/82      0  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00      0

COLLECTED BY: C.H. WILSON      RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00      0 REC'D BY:  
SEALED:

CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1220      DRG SAMPLE NO.: D 1343      INORG SAMPLE NO.: MD 9042  
CONTRACT LABORATORY(ORGANIC):      HEAD CONPUCHEM  
CONTRACT LABORATORY(INORGANIC):      ROCKY MTN AN LABS

REMARK: URG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC      DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*  
V=PURGEABLE ORGANIC, E=EXTRACTABLE ORGANIC, P=PESTICIDE ANALYSIS

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

AN RESULTS IN: ug/kg      COMPOUND NAME  
V 12000JN      TRICYCLOODECAINE  
V 6000JN      TRIMETHYLCYCLOHEXANE  
V 350000JN      7 UNIDENTIFIED COMPOUNDS  
E N      PETROLEUM PRODUCT

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A=AVERAGE VALUE      \*NA=NOT ANALYZED      \*NAI=INTERFERENCES  
\*J=ESTIMATED VALUE      \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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28 0132

SAD #: 82C2839 SMO #: D1343 PROJECT #: 82-131B CONTRACT LAB: Mead  
 SOURCE: SAAD Site Trousdale Rd. CITY: Nashville STATE: TN  
 STATION: SS-CF-SP DATE/TIME COLLECTED: 9/16/82

### EXTRACTABLE ORGANIC ANALYSIS

CAS #	COMPOUND	RESULTS:	ug/kg
65-85-0	benzoic acid		400U
95-48-7	2-methylphenol		400U
108-39-4	4-methylphenol		400U
95-95-4	2, 4, 5-trichlorophenol		400U
62-53-3	aniline		400U
100-51-6	benzyl alcohol		800U
106-47-8	4-chloroaniline		2000U
132-64-9	dibenzofuran		400U
91-57-6	2-methyl naphthalene		800U
88-4-2	2-nitroaniline		4000U
99-09-2	3-nitroaniline		4000U
100-01-6	4-nitroaniline		4000U

### VOLATILE ORGANIC ANALYSIS

CAS #	COMPOUND	RESULTS:	ug/kg
67-64-1	acetone		50U
78-93-3	methyl ethyl ketone		100U
75-15-0	carbon disulfide		5U
519-78-6	2-hexanone		50U
108-10-1	methyl isobutyl ketone		50U
100-42-5	styrene		5U
103-05-4	vinyl acetate		5U

J-Estimated value.

N-Presumptive evidence of presence of material.

U-Material was analyzed for but not detected. The number is the minimum detection limit.

K-Actual value is known to be less than value given.

A-Average value

NA-Compound not analyzed for.

• DATE: 05/21

SPECIFIED PART PER ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

EPA-S( RGII.IV  
ATHENS, GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE STATE: TN

STATION: LN-01L-S 2 DEGREES URAINAGE

SAMPLE TYPE: INDSL

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644

SAMPLE START(DATE & TIME): 05/19/82 1130

SAMPLE STOP(DATE & TIME): 06/00/00 0

CHEMIST: E.W. Loy, Jr. COMPLETED 6-24-82

ELEMENT STORE# UNITS

MERCURY 71921 MG/KG  
CYANIDE 00721 0.2K MG/KG

NOTES: 1) J-ESTIMATED VALUE

5) NAI-INTERFERENCES

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

6) A-AVERAGE VALUE

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

7) NA-COMPUND NOT ANALYZED FOR.

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

280135

DATE: 05/27

PROJECT #: H2-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE STATE: TN

STATION: LN-US-S OIL SEPARATOR

SPECIFIED PARAMETER ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

EPA-SAAL (GN-IV)  
ATHENS, GA

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644

SAMPLE START(DATE & TIME): 05/19/82 1020

SAMPLE STOP(DATE & TIME): 00/00/00 0

CHEMIST: ELLIOTT J. COMPLETED 6-24-82

ELEMENT STURETH# UNITS

MERCURY 71921 MG/KG  
CYANIDE 00721 0.2K MG/KG

NOTES: 1) J-ESTIMATED VALUE  
2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) NAI-INTERFERENCES  
6) A-AVERAGE VALUE  
7) NA-COMPUND NOT ANALYZED FOR.

7  
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0154

DATE: 05/21/82

PROJECT #: R2-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE

STATE: TN

STATION: S-7/S SPRING 7

SPECIFIED BY: ETER ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

EPA/ J.R.HN.IV  
ATHENS, GA

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644

SAMPLE START(DATE & TIME): 05/18/82 1500

SAMPLE STOP(DATE & TIME): 00/00/00 0

CHEMIST: E.W. Loy, Jr. COMPLETED 6-24-82

ELEMENT STORE# UNITS

MERCURY 71921 MG/KG  
CYANIDE 00721 0.2K MG/KG

NOTES: 1) J-ESTIMATED VALUE

5) NA-INTERFERENCES

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

6) A-AVERAGE VALUE

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

7) NA-COMPUND NOT ANALYZED FOR.

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

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O  
G 10  
G 2 5

DATE: 05/21/82

PROJECT #: H2-1.1 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE

STATE: TN

STATION: S-6.1/S SPRING 6.1

SPECIFIED PARTS PER MILLION ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

SAMPLE TYPE: SEDIM

SAD NO.: 82C1443

EPA-( ) ORGN. IV  
ATHENS, GA

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644

SAMPLE START(DATE & TIME): 05/18/82 1435

SAMPLE STOP(DATE & TIME): 00/00/00 0

CHEMIST: E.W. Loy, Jr. COMPLETED 6-24-82

ELEMENT STORED UNITS

MERCURY 71921 MG/KG  
CYANIDE 00721 0.2K MG/KG

NOTES: 1) J-ESTIMATED VALUE

5) NA=INTERFERENCES

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

6) A-AVERAGE VALUE

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

7) NA-COMPONENT NOT ANALYZED FOR.

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

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0  
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DATE: 05/27

PROJECT #: H2-131 PROJ ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE

STATE: TN

STATION: S-2/S SPRING S-2

SPECIFIED PAR(A) EP ANALYSIS  
DATA REPORT LOG SHEET  
SEDIMENT/SOIL/SLUDGE (DRY wt)

EPA-S(100-14)  
ATHENS, GA

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SAMPLE TYPE: SEDIM

SAMPLE START(DATE &amp; TIME): 05/18/82 1315

SAU NO.: H2C1440

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

CHEMIST: E.W. Loy, Jr. COMPLETED 6-24-82

ELEMENT STORE# UNITS

MERCURY	71921	MG/KG
CYANIDE	00721	0.2K MG/KG

NOTES: 1) J-ESTIMATED VALUE  
 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
 THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) NAI-INTERFERENCES  
 6) A-AVERAGE VALUE  
 7) NA-COMPUND NOT ANALYZED FOR.

2. 8 0137

DATE: 05/18/82

PROJECT #: 82-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE STATE: TN

STATION: S-3.1/S SPRING S-3

SPECIFIED PER ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

EPA/JORGON, IV  
ATHENS, GA

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644

SAMPLE START(DATE & TIME): 05/18/82 1340

SAMPLE STOP(DATE & TIME): 00/00/00 0

CHEMIST: E.W. Joy, Jr. COMPLETED 6-24-82

ELEMENT STORE# UNITS

MERCURY 71921 MG/KG  
CYANIDE 00721 0.2K MG/KG

NOTES: 1) J-ESTIMATED VALUE

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) NAI-INTERFERENCES

6) A-AVERAGE VALUE

7) NA-COMPOUND NOT ANALYZED FOR.

2 8 0138

DATE: 05/21 2

PROJECT #: H2-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE STATE: TN

STATION: SP4-5/S SPRING 4/5

SPECIFIED PART PER ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

EPA-S. ORGN. IV  
ATHENS, GA

SAMPLE TYPE: SEUDM

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644

SAC NO.: H2C1442

SAMPLE START(DATE & TIME): 05/18/82 1405

SAMPLE STOP(DATE & TIME): 00/00/00 0

CHEMIST: E.W. Loy, Jr. COMPLETED 6-24-82

ELEMENT STORE# UNITS

MERCURY 71921 MG/KG  
CYANIDE 00721 0.2K MG/KG

- NOTES: 1) J-ESTIMATED VALUE  
2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
THE NUMBER IS THE MINIMUM DETECTION LIMIT.
- 5) NAI-INTERFERENCES  
6) A-AVERAGE VALUE  
7) NA-COMPUND NOT ANALYZED FOR.

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0139

DATE: 05/21

PROJECT #: R2-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE STATE: TN

STATION: T-2/S IND. AREA CREEK

SPECIFIED PAK ER ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

EPA-S( KORL.IV  
ATHENS, GA

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644

SAMPLE START(DATE & TIME): 05/18/82 1250

SAMPLE STOP(DATE & TIME): 00/00/00 0

CHEMIST: E.W. Loy Jr. COMPLETED 6-24-82

ELEMENT	STOKE#	UNITS
MERCURY	71921	MG/KG
CYANIDE	00721	0.2K MG/KG

- NOTES: 1) J-ESTIMATED VALUE  
2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
4) M-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
THE NUMBER IS THE MINIMUM DETECTION LIMIT.
- 5) NAI-INTERFERENCES  
6) A-AVERAGE VALUE  
7) NA-COMPUND NOT ANALYZED FOR.

280140

2 8 0141

DATE: 05/22/82  
ED-A-<sup>2</sup> (DRAFT)

PROJECT #: 82-131 PROG ELEMENT #: NSF  
SPECFIELD PAGE 118 ANALYSIS  
DATA REPORTING SYSTEM  
SEPARATE/SOIL/SLUDGE/DRY WT  
SAMPLE RECEIVED DATE & TIME: 05/21/82 1004  
SOURCE: SWAB SITE  
CITY: JACKVILLE STATE: TN  
SAMPLE START DATE & TIME: 05/18/82 1120  
SAMPLE STOP DATE & TIME: 00/00/00 0  
SD NO.: R2C1438  
STATION: RCS/HLD CONFLUENCE  
CDEMSI: E.W. LOYD JR. COMPLETED 6-24-82  
UNITS  
STRETE#  
71921 0.2K M6/M6  
CITYCODE  
71921 0.2K M6/M6  
NOTES: 1) J-ESTIMATED VALUE  
2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
5) V-AVERAGE VALUE  
6) W-COMPUND NOT ANALYZED FOR.  
7) X-NA-COMPUND NOT ANALYZED FOR.  
THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, HEG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER

IU

MG/KG CYANIDE

STORET  
00721

11/02/82

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 82C2839 SAMPLE TYPE: SOIL

PROJECT NO.: 82-131B PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE THOUSDALE RD  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CF-SP  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/16/82 0  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 D REC'D BY:  
SEALED:

CHEMIST: MAW CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO: D 1343 INORG SAMPLE NO.: MD 9042  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY Mtn AN LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*  
DATA REPORTED ON WEIGHT BASIS

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

DATE: 05/27/82

PROJECT #: E2-131 PROG ELEMENT #: NSF

SOURCE: SAU SITE

CITY: NASHVILLE

STATE: TN

STATION: PW-IW NEWMAN WELL

METALS  
DATA REPORTING SHEET  
WATER

SAMPLE TYPE: DRKWA

SAU NO.: 82C1426

 EPA-SAU, RGN. IV  
ATHENS, GA

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SAMPLE START(DATE &amp; TIME): 05/18/82 1330

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

CHEMIST: McDaniel COMPLETED 6/16/82

ELEMENT	STOURE#	UNITS
SILVER	01077	3U UG/L
ARSENIC	01002	10U UG/L
BORON	01022	NA UG/L
HARIUM	01007	12U UG/L
BERYLLIUM	01012	3U UG/L
CADMIUM	01027	3U UG/L
COBALT	01037	10U UG/L
CHROMIUM	01034	3U UG/L
CUPPER	01042	5 UG/L
MOLYHDENUM	01062	5U UG/L
NICKEL	01067	5U UG/L
LEAU	01051	10U UG/L
ANTIMONY	01097	10U UG/L
SELENIUM	01147	10U UG/L
TIN	01102	15U UG/L
STRONTIUM	01082	341 UG/L
TELLURIUM	01064	10U UG/L
TITANIUM	01152	3 UG/L
THALLIUM	01059	NA UG/L
VANADIUM	01087	3U UG/L
YTTRIUM	01203	3U UG/L
ZINC	01092	22 UG/L
ZIRCONIUM	01162	NA UG/L
MERCURY	71900	0.2U UG/L
ALUMINUM	01105	130 UG/L
MANGANESE	01055	10 UG/L
CALCIUM	00916	54 MG/L
MAGNESIUM	00927	10 MG/L
IRON	74010	0.9 MG/L
SODIUM	00929	4.5 MG/L
CHROMIUM-HEXAVALENT	01032	UG/L

- NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 3) A-AVERAGE VALUE  
 4) NA-ELEMENT NOT ANALYZED FOR

- 5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED  
 6) J-ESTIMATED VALUE  
 7) NAI-INTERFENCES

2

8

0143

DATE: 05/27/82

METALS  
DATA REPORT SHEET  
WATER

EPA-SAU, RGN-IV  
ATHENS, GA

PROJECT #: H2-131 PROG ELEMENT #: NSF

SOURCE: S4AD SITE

CITY: NASHVILLE

STATE: TN

STATION: PW-2W LANKFORD WELL

SAMPLE TYPE: DRKWA

SAD NO.: 82C1421

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SAMPLE START(DATE &amp; TIME): 05/18/82 1400

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

CHEMIST: McDaniel COMPLETED 6/16/82

ELEMENT	STORE#	UNITS
SILVER	01077	5U UG/L
ARSENIC	01002	15U UG/L
PORON	01022	NA UG/L
HARIUM	01007	15U UG/L
BERYLLIUM	01012	5U UG/L
CADMUM	01027	5U UG/L
COHALT	01037	15U UG/L
CHROMIUM	01034	5U UG/L
COPPER	01042	12 UG/L
MOLYBDENUM	01062	10U UG/L
NICKEL	01057	10U UG/L
LEAU	01051	15U UG/L
ANTIMONY	01097	15U UG/L
SELENIUM	01147	20U UG/L
TIN	01102	25U UG/L
STRONTIUM	01082	144 UG/L
TELLURIUM	01064	20U UG/L
TITANIUM	01152	10 UG/L
THALLIUM	01059	NA UG/L
VANADIUM	01087	5U UG/L
YTTRIUM	01203	5U UG/L
ZINC	01092	267 UG/L
ZIRCONIUM	01152	NA UG/L
MERCURY	71900	0.2U UG/L
ALUMINUM	01105	400 UG/L
MANGANESE	01055	46 UG/L
CALCIUM	00916	70 MG/L
MAGNESIUM	00927	6.6 MG/L
IRON	74010	0.3 MG/L
SODIUM	00929	9 MG/L
CHROMIUM,HEXAVALENT	01032	NA UG/L

NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 3) A-AVERAGE VALUE  
 4) NA-ELEMENT NOT ANALYZED FOR

5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED  
 6) J-ESTIMATED VALUE  
 7) NAI-INTERFERENCES

0144

DATE: 05/27/82

EPA-SAU-RGN-IV  
ATHENS

PROJECT #: 62-131 PROG ELEMENT #: NSF

METALS  
DATA REPORT, 5 SHEET  
WATER

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE START(DATE &amp; TIME): 05/19/82 1200

CITY: NASHVILLE

STATE: TN

SAMPLE TYPE: INDEF

SAMPLE STOP(DATE &amp; TIME): 06/00/00 0

STATION: FB-W FRANKLIN BRICK

SAU NO.: 82C1435

CHEMIST: Michael COMPLETED 6-21-82

ELEMENT	STORE#	UNITS
SILVER	01077	100 UG/L
ARSENIC	01002	450 UG/L
BORON	01022	NA UG/L
HARIUM	01007	380 UG/L
MERYLLIUM	01012	100 UG/L
CADMUM	01027	100 UG/L
COBALT	01037	200 UG/L
CHROMIUM	01034	46 UG/L
COPPER	01042	22 UG/L
MOLYBDENUM	01062	200 UG/L
NICKEL	01067	300 UG/L
LEAD	01051	400 UG/L
ANTIMONY	01097	400 UG/L
SELENIUM	01147	400 UG/L
TIN	01102	1000 UG/L
SPONTIUM	01082	530 UG/L
TELLURIUM	01064	400 UG/L
TITANIUM	01152	230 UG/L
THALLIUM	01059	1000 UG/L
VANADIUM	01087	33 UG/L
YTTRIUM	01203	17 UG/L
ZINC	01092	95 UG/L
ZIRCONIUM	01162	NA UG/L
MERCURY	71900	0.20 UG/L
ALUMINUM	01105	39,000 UG/L
MANGANESE	01055	1400 UG/L
CALCIUM	00916	250 MG/L
MAGNESIUM	00927	26 MG/L
IRON	74010	22 MG/L
SODIUM	00929	19 MG/L
CHROMIUM,HEXAVALENT	01032	NA UG/L

- NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 3) A-AVERAGE VALUE  
 4) NA-ELEMENT NOT ANALYZED FOR

- 5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED  
 6) J-ESTIMATED VALUE  
 7) NAI-INTERFERENCES

2  
8

0145

DATE: 05/27/82

METALS  
DATA REPORT / SHEET  
WATER

EPA-SAD-RUN-IV  
ATHENS

PROJECT #: UC-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE

STATE: TN

STATION: LN-UL-W 2 DEGREES DRAINAGE

SAMPLE TYPE: INDEF

SAU NO.: 82C1437

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SAMPLE START(DATE &amp; TIME): 05/19/82 1130

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

CHEMIST: McDaniel COMPLETED 6/16/82

ELEMENT	STORE#	UNITS
SILVER	01077	UG/L
ARSENIC	01002	UG/L
BORON	01022	UG/L
HARIUM	01007	UG/L
PERYLLIUM	01012	UG/L
CADMUM	01027	UG/L
COBALT	01037	UG/L
CHROMIUM	01034	UG/L
COPPER	01042	UG/L
MOLYBDENUM	01062	UG/L
NICKEL	01067	UG/L
LEAD	01051	UG/L
ANTIMONY	01097	UG/L
SELENIUM	01147	UG/L
TIN	01102	UG/L
STRONTIUM	01092	UG/L
TELLURIUM	01064	UG/L
TITANIUM	01152	UG/L
THALLIUM	01059	UG/L
VANADIUM	01087	UG/L
YTTRIUM	01203	UG/L
ZINC	01092	UG/L
ZIRCONIUM	01162	UG/L
MERCURY	71900	UG/L
ALUMINUM	01105	UG/L
MANGANESE	01055	UG/L
CALCIUM	00916	MG/L
MAGNESIUM	00927	MG/L
IRON	74010	MG/L
SODIUM	00929	MG/L
CHROMIUM-HEXAVALENT	01032	UG/L

NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 3) A-AVERAGE VALUE  
 4) NA-ELEMENT NOT ANALYZED FOR

5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED  
 6) J-ESTIMATED VALUE  
 7) NAI-INTERFERENCES

0104

DATE: 05/27/82

PROJECT #: 82-131 PROG ELEMENT #: NSF  
 SOURCE: SAAD SITE  
 CITY: NASHVILLE STATE: TN  
 STATION: LN-US-W OIL SEPARATOR

METALS  
 DATA REPORTING SHEET  
 WATER

SAMPLE TYPE: INDEF

SAD NO.: 82C1436

EPA-SAUDORON-TV  
 ATHENS-GA

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644  
 SAMPLE START(DATE & TIME): 05/19/82 1020  
 SAMPLE STOP(DATE & TIME): 00/00/00 0  
 CHEMIST: McDaniel COMPLETED 6/16/82

ELEMENT	STORE#	UNITS
SILVER	01077	100 UG/L
ARSENIC	01002	250 UG/L
CHROMUM	01022	NA UG/L
BARIUM	01007	200 UG/L
BERYLLIUM	01012	100 UG/L
CAIUMIUM	01027	100 UG/L
COBALT	01037	250 UG/L
CHROMIUM	01034	100 UG/L
COPPER	01042	100 UG/L
MOLYPENUM	01062	200 UG/L
NICKEL	01067	200 UG/L
LEAD	01051	250 UG/L
ANTIMONY	01097	250 UG/L
SELENIUM	01147	400 UG/L
TIN	01102	500 UG/L
STRONTIUM	01082	278 UG/L
TELLURIUM	01064	400 UG/L
TITANIUM	01152	100 UG/L
THALLIUM	01059	NA UG/L
VANADIUM	01087	100 UG/L
YTTRIUM	01203	100 UG/L
ZINC	01092	100 UG/L
ZIRCONIUM	01162	NA UG/L
MERCURY	11900	0.2U UG/L
ALUMINUM	01105	100 UG/L
MANGANESE	01055	2200 UG/L
CALCIUM	00916	96 MG/L
MAGNESIUM	00927	9.7 MG/L
IRON	74010	0.7 MG/L
SODIUM	00929	31 MG/L
CHROMIUM,HEXAVALENT	01032	NA UG/L

NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 3) A-AVERAGE VALUE  
 4) NA-ELEMENT NOT ANALYZED FOR

5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED  
 6) J-ESTIMATED VALUE  
 7) NAI-INTERFERENCES

2

8

0147

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

11/02/82

METALS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 82C2833 SAMPLE TYPE: AMBWA

PROJECT NO.: 82-131H PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CF-SP  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/16/82 1000  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D. DATE/TIME 00/00/00 0 REC'D. BY:

SEALED:  
CHEMIST: MAW  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO: D 1342 INORG SAMPLE NO.: MD 9041  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

RESULTS	UNITS	ELEMENT	STORET
100	UG/L	SILVER	01077
100	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
1000	UG/L	BARIUM	01007
50	UG/L	BERYLLOIUM	01012
3	UG/L	CADMIUM	01037
500	UG/L	COBALT	01034
500	UG/L	CHROMIUM	01042
NA	UG/L	COPPER	01062
400	UG/L	MOLYBDENUM	01067
22	UG/L	NICKEL	01051
200	UG/L	LEAD	01097
20	UG/L	ANTIMONY	01147
200	UG/L	SELENIUM	01102
NA	UG/L	TIN	01082
NA	UG/L	STRONTIUM	01064
NA	UG/L	TELLURIUM	01152
100	UG/L	TITANIUM	01059
2000	UG/L	THALLIUM	01087
NA	UG/L	VANADIUM	01203
100	UG/L	YTTRIUM	01092
NA	UG/L	ZINC	01162
0.2U	UG/L	ZIRCONIUM	01108
200UV	UG/L	MERCURY	01105
3200	UG/L	ALUMINUM	01055
NA	MG/L	MANGANESE	00916
NA	MG/L	CALCIUM	00927
5.3	MG/L	MAGNESIUM	74010
NA	MG/L	IRON	00929
NA	MG/L	SODIUM	01032
NA	UG/L	CHROMIUM, HEXAVALENT	

\*\*\*FOOTNOTES\*\*\*

- \*A-AVERAGE VALUE    #NA-NOT ANALYZED    \*NAI-INTERFERENCES
- \*J-ESTIMATED VALUE    \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

METALS  
DATA REPORTING SHEET  
WATERTMA-SAU-RM1.1  
ATHENS, GA

PROJECT #: H2-31 PHOG ELEMENT #: NSF

SOURCE: SAU SITE

CITY: NASHVILLE

STATION: S-7/W SPRING 7

STATE: TN

SAU NO.: 82C1434

SAMPLE RECEIVED DATE & TIME: 05/21/82 1644  
SAMPLE START DATE & TIME: 05/18/82 1500  
SAMPLE STOP DATE & TIME: 00/00/00 0

CHEMIST: McDaniel COMPLETED 6/16/82

ELEMENT	STOER#	UNITS
SILVER	01077	---100--- ug/L
AKSITHIC	01002	---250--- ug/L
MURON	01022	---NA--- ug/L
HARIUM	01007	---200--- ug/L
BETHYLUM	01012	---100--- ug/L
CAVMIUM	01027	---100--- ug/L
CORALT	01037	---250--- ug/L
CHROMIUM	01034	---100--- ug/L
COPPER	01042	---100--- ug/L
MOLYBDENUM	01062	---200--- ug/L
NICKEL	01067	---200--- ug/L
LEAD	01051	---250--- ug/L
ANTIMONY	01097	---250--- ug/L
SELENIUM	01147	---400--- ug/L
TIN	01102	---500--- ug/L
SIROHITUM	01082	---160--- ug/L
TELLURIUM	01064	---400--- ug/L
TITANIUM	01152	---100--- ug/L
THALLIUM	01059	---NA--- ug/L
VANAUTUM	01087	---100--- ug/L
YITRIUM	01203	---100--- ug/L
ZINC	01092	---100--- ug/L
ZIRCONIUM	01162	---NA--- ug/L
MERCURY	011900	---0.20--- ug/L
ALUMINUM	01105	---100--- ug/L
MANGANESE	01055	---2400--- ug/L
CALCIUM	00916	---90--- mg/L
MAGNESIUM	00927	---6.5--- mg/L
IRON	74010	---26--- mg/L
SODIUM	00929	---11--- mg/L
CHROMIUM,HEXAVALENT	01032	---NA--- ug/L

- NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 3) A-AVERAGE VALUE  
 4) NA-ELEMENT NOT ANALYZED FOR
- 5) UN-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED  
 6) J-F-ESTIMATED VALUE  
 7) NA-INTERFERENCES

DATE: 05/27/82

METALS  
DATA REPORT SHEET  
WATER

EPA-SAU-RGN-IV  
ATHENS, GA

PROJECT #: AC-131 PLUG ELEMENT #: NSF

SOURCE: SAU SITE

CITY: NASHVILLE STATE: TN

STATION: S-6.1/W SPRING 6.1

SAMPLE TYPE: AMBWA

SAU NO.: 82C1433

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SAMPLE START(DATE &amp; TIME): 05/18/82 1435

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

CHEMIST: McDaniel COMPLETED 6/16/82

ELEMENT	STORE#	UNITS
SILVER	01077	UG/L
ARSENIC	01002	UG/L
BORON	01022	NA
BARIUM	01007	UG/L
BERYLLIUM	01012	UG/L
CAIDIUM	01027	UG/L
COHALT	01037	UG/L
CHROMIUM	01034	UG/L
COPPER	01042	UG/L
MOLYBDENUM	01062	UG/L
NICKEL	01067	UG/L
LEAD	01051	UG/L
ANTIMONY	01097	UG/L
SELENIUM	01147	UG/L
TIN	01102	UG/L
STRONTIUM	01082	UG/L
TELLURIUM	01064	UG/L
TITANIUM	01152	UG/L
THALLIUM	01059	UG/L
VANADIUM	01087	UG/L
YTTRIUM	01203	UG/L
ZINC	01092	UG/L
ZIRCONIUM	01162	UG/L
MERCURY	71900	UG/L
ALUMINUM	01105	UG/L
MANGANESE	01055	UG/L
CALCIUM	00916	MG/L
MAGNESIUM	00927	MG/L
IRON	74010	MG/L
SODIUM	00929	MG/L
CHROMIUM,HEXAVALENT	01032	UG/L

- NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 3) A-AVERAGE VALUE  
 4) NA-ELEMENT NOT ANALYZED FOR

- 5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED  
 6) J-ESTIMATED VALUE  
 7) NA-INTERFERENCES

0150

RELALS  
DATA REPORTING SHEET  
WATKEPA-SAD-REN-IV  
ATHENS GA

PROJECT #: 1-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE

STATE: TN

STATION: S-2/W SPRING S-2

SAMPLE TYPE: AMBWA

SAU NO.: H2C1430

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SAMPLE START(DATE &amp; TIME): 05/18/82 1315

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

CHEMIST: McDaniel COMPLETED 6-16-82

ELEMENT	STORE#	UNITS
SILVER	01077	100 UG/L
ARSENIC	01002	250 UG/L
BORON	01022	NA UG/L
BARIUM	01007	14 UG/L
BERYLLIUM	01012	100 UG/L
CAUMIUM	01027	100 UG/L
COBALT	01037	250 UG/L
CHROMIUM	01034	100 UG/L
COPPER	01042	100 UG/L
MOLYBDENUM	01062	200 UG/L
NICKEL	01067	200 UG/L
LEAD	01051	250 UG/L
ANTIMONY	01097	250 UG/L
SELENIUM	01147	400 UG/L
TIN	01102	500 UG/L
STRONTIUM	01082	140 UG/L
TELLURIUM	01064	400 UG/L
TITANIUM	01152	21 UG/L
THALLIUM	01059	NA UG/L
VANADIUM	01087	100 UG/L
YTTRIUM	01203	100 UG/L
ZINC	01092	100 UG/L
ZIRCONIUM	01162	NA UG/L
MERCURY	71900	0.20 UG/L
ALUMINUM	01105	580 UG/L
MANGANESE	01055	920 UG/L
CALCIUM	00916	84 MG/L
MAGNESIUM	00927	6.2 MG/L
IRON	74010	1 MG/L
SODIUM	00929	9 MG/L
CHROMIUM,HEXAVALENT	01032	NA UG/L

- NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
3) A-AVERAGE VALUE  
4) NA-ELEMENT NOT ANALYZED FOR

- 5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED  
6) J-ESTIMATED VALUE  
7) NA-INTERFERENCES

2  
8

0151

DATA REPORTING SHEET  
WATEREPA-SAU-RRN-IV  
ATHENS, GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE START(DATE &amp; TIME): 05/18/82 1340

CITY: NASHVILLE

STATE: TN

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

STATION: S-3.1/W SPRING S-3

SAD NO.: B2C1431

CHEMIST: McDaniel COMPLETED 6/16/82

ELEMENT	STORE#	UNITS
SILVER	01077	10U UG/L
ARSENIC	01002	25U UG/L
BORON	01022	NA UG/L
BARIUM	01007	20U UG/L
BERYLLIUM	01012	10U UG/L
CADMUM	01027	10U UG/L
COHALT	01037	25U UG/L
CHROMIUM	01034	10U UG/L
COPPER	01042	10U UG/L
MOLYBDENUM	01062	20U UG/L
NICKEL	01067	20U UG/L
LEAD	01051	25U UG/L
ANTIMONY	01097	25U UG/L
SELENIUM	01147	40U UG/L
TIN	01102	50U UG/L
STRONTIUM	01082	85 UG/L
TELLURIUM	01064	40U UG/L
TITANIUM	01152	10U UG/L
THALLIUM	01059	NA UG/L
VANADIUM	01087	10U UG/L
YTTRIUM	01203	10U UG/L
ZINC	01092	10U UG/L
ZIRCONIUM	01162	NA UG/L
MERCURY	71900	0.2U UG/L
ALUMINUM	01105	100U UG/L
MANGANESE	01055	20U UG/L
CALCIUM	00916	61 MG/L
MAGNESIUM	00927	4.2 MG/L
IRON	74010	0.1U MG/L
SODIUM	00929	4 MG/L
CHROMIUM,HEXAVALENT	01032	NA UG/L

NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 3) A-AVERAGE VALUE  
 4) NA-ELEMENT NOT ANALYZED FOR

5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED  
 6) J-ESTIMATED VALUE  
 7) NAI-INTERFERENCES

2

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0152

DATE: 05/27/82

METALS  
DATA REPORTING SHEET  
WATER

EPA-SAO, PGN-IV  
ATHENS, GA

PROJECT #: 00-131 PHOG ELEMENT #: NSF

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE START(DATE &amp; TIME): 05/18/82 1405

CITY: NASHVILLE

SAMPLE STOP(DATE &amp; TIME): 06/00/00 0

STATE: TN

CHEMIST: McDaniel COMPLETED 6/16/82

STATION: SP4-5/W SPRINGS 4/5

SAMPLE TYPE: AMBWA

SAU NO.: 82C1432

SILVER  
ARSENIC  
MERCURY  
HARIUM  
BERYLLIUM  
CADMIUM  
COBALT  
CHROMIUM  
COPPER  
MOLYBDENUM  
NICKEL  
LEAD  
ANTIMONY  
SELENIUM  
TIN  
STRONTIUM  
TELLURIUM  
TITANIUM  
THALLIUM  
VANADIUM  
YTTRIUM  
ZINC  
ZIRCONIUM  
MERCURY  
ALUMINUM  
MANGANESE  
CALCIUM  
MAGNESIUM  
IRON  
SODIUM  
CHROMIUM, HEXAVALENT

ELEMENT	STORE#	UNITS
SILVER	01077	100 UG/L
ARSENIC	01002	250 UG/L
MERCURY	01022	NA UG/L
HARIUM	01007	200 UG/L
BERYLLIUM	01012	100 UG/L
CADMIUM	01027	100 UG/L
COBALT	01037	250 UG/L
CHROMIUM	01034	100 UG/L
COPPER	01042	100 UG/L
MOLYBDENUM	01062	200 UG/L
NICKEL	01067	200 UG/L
LEAD	01051	250 UG/L
ANTIMONY	01097	250 UG/L
SELENIUM	01147	400 UG/L
TIN	01102	500 UG/L
STRONTIUM	01082	91 UG/L
TELLURIUM	01064	400 UG/L
TITANIUM	01152	10 UG/L
THALLIUM	01059	NA UG/L
VANADIUM	01087	100 UG/L
YTTRIUM	01203	100 UG/L
ZINC	01092	100 UG/L
ZIRCONIUM	01162	NA UG/L
MERCURY	71900	0.20 UG/L
ALUMINUM	01105	500 UG/L
MANGANESE	01055	200 UG/L
CALCIUM	00916	72 MG/L
MAGNESIUM	00927	5 MG/L
IRON	74010	0.2 MG/L
SODIUM	00929	10 MG/L
CHROMIUM, HEXAVALENT	01032	NA UG/L

NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 3) A-AVERAGE VALUE  
 4) NA-ELEMENT NOT ANALYZED FOR

5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED  
 6) J-ESTIMATED VALUE  
 7) NAI-INTERFERENCES

0153

DATE: 05/21/82

PROJECT #: 82-131 PROB ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE

STATION: 1-24 IND. AREA CHEEK

METALS DATA REPORT SHEET  
WATER

SAU NO.: 82C1424

SAMPLE RECEIVED DATE & TIME: 05/21/82 1644  
SAMPLE START DATE & TIME: 05/18/82 1250  
CHEMIST: McDaniel COMPLETED 6/16/82

ELEMENT	STORE #	UNITS
SILVER	01017	---100--- ug/L
ANTIMONY	01002	---250--- ug/L
MERON	01022	---NA--- ug/L
HARIUM	01007	---200--- ug/L
CERIUM	01012	---100--- ug/L
CURAL	01027	---100--- ug/L
CHROMIUM	01037	---250--- ug/L
COPPER	01034	---100--- ug/L
MOLYBDENUM	01042	---200--- ug/L
NICKEL	01062	---200--- ug/L
LEAD	01067	---250--- ug/L
SELENIUM	01051	---250--- ug/L
TIN	01097	---250--- ug/L
STRONTIUM	01141	---500--- ug/L
TELLURIUM	01102	---500--- ug/L
TITANIUM	01082	---171--- ug/L
THALLIUM	01064	---200--- ug/L
VANADIUM	01152	---NA--- ug/L
YTRIUM	01059	---100--- ug/L
ZINC	01087	---100--- ug/L
ZIRCONIUM	01203	---100--- ug/L
MERCURY	01092	---100--- ug/L
ALUMINUM	01162	---NA--- ug/L
MANGANESE	71400	0.20 ug/L
CALCIUM	01105	---200--- ug/L
MAGNESIUM	01055	---72--- ug/L
IRON	00916	---99--- MG/L
SODIUM	00921	---6.6--- MG/L
CHROMIUM,HEXAVALENT	74010	0.1 MG/L
	00929	---10--- MG/L
	01032	---NA--- ug/L

- NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 3) A-AVERAGE VALUE  
 4) NA-ELEMENT NOT ANALYZED FOR
- 5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED  
 6) J-ESTIMATED VALUE  
 7) NA-INTERFERENCES

DATE: 05/27/82

METALS  
DATA REPORTING SHEET  
WATER

EPA-SAU, P.O. #4  
ATHENS, GA

PROJECT #: UC-131 PROG ELEMENT #: NSF

SOURCE: SAU SITE

CITY: NASHVILLE STATE: TN

STATION: BC/W BELOW CONFLUENCE

SAMPLE TYPE: INDEF

SAU NO.: 82C1428

SAMPLE RECEIVED DATE &amp; TIME: 05/21/82 1644

SAMPLE START (DATE &amp; TIME): 05/18/82 1120

SAMPLE STOP (DATE &amp; TIME): 00/00/00 0

CHEMIST: McDaniel COMPLETED 6/16/82

ELEMENT	STORE#	UNITS
SILVER	01077	100 UG/L
ARSENIC	01002	250 UG/L
BORON	01022	NA UG/L
SARIUM	01007	200 UG/L
BERYLLIUM	01012	100 UG/L
CADMUM	01027	100 UG/L
CURALT	01037	250 UG/L
CHROMIUM	01034	100 UG/L
CUPPER	01042	100 UG/L
MOLYBDENUM	01062	200 UG/L
NICKEL	01067	200 UG/L
LEAD	01051	250 UG/L
ANTIMONY	01097	250 UG/L
SELENIUM	01147	400 UG/L
TIN	01102	500 UG/L
STRONTIUM	01082	163 UG/L
TELLURIUM	01064	400 UG/L
TITANIUM	01152	10 UG/L
THALLIUM	01059	NA UG/L
VANADIUM	01087	100 UG/L
YTTRIUM	01203	100 UG/L
ZINC	01092	10 UG/L
ZIRCONIUM	01162	NA UG/L
MERCURY	71900	0.2II UG/L
ALUMINUM	01105	200 UG/L
MANGANESE	01055	170 UG/L
CALCIUM	00916	92 MG/L
MAGNESIUM	00927	6.2 MG/L
IRON	74010	0.2 MG/L
SODIUM	00929	9 MG/L
CHROMIUM, HEXAVALENT	01032	NA UG/L

NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

3) A-AVERAGE VALUE

4) NA-ELEMENT NOT ANALYZED FOR

5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED

6) J-ESTIMATED VALUE

7) NA-INTERFERENCES

20  
80  
0  
155

DATE: 06/10/82

PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
SEWIMENT/SOIL/SLUUGE (DRY WT)

EPA-SAD,RGN. IV  
ATHENS, GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED (DATE &amp; TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE TYPE: INSL

SAMPLE START (DATE &amp; TIME): 05/19/82 1130

CITY: NASHVILLE

STATE: TN.

SAMPLE STOP (DATE &amp; TIME): 00/00/00 0

STATION: LN-DL-S 2 DEGREES URAINAGE

SAD NO.: 82C1446

CHEMIST: E.W. Loy, Jr. COMPLETED 6/17/82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
ALDRIN	39333	2,000U UG/KG	* HEXACHLORONORBORNADIENE (HCNB)		NA UG/KG
HEPTACHLOR	39413	2,000U UG/KG	* HEPTACHLORONORBORNENE (HCNB)		NA UG/KG
HEPTACHLOR EPoxide	39423	2,000U UG/KG	* OCTACHLOROCYCLOPENTENE (OCCP)		NA UG/KG
ALPHA-BHC	39076	2,000U UG/KG	* HEXACHLOROBENZENE (HCB)	39701	NA UG/KG
BETA-BHC	34257	2,000U UG/KG	* 2,4-D	39731	NA UG/KG
GAMMA-BHC (LINDANE)	39343	2,000U UG/KG	* SILVEX (2,4,5-TP)	39761	NA UG/KG
DELTA-BHC	34262	2,000U UG/KG	* 2,4,5-T	39741	NA UG/KG
ENDOSULFAN I (ALPHA)	34364	2,000U UG/KG	* % MOISTURE	70320	25
DIELDRIN	39383	2,000U UG/KG			
4,4'-DDT (P,P'-DDT)	39301	8,000U UG/KG			UG/KG
4,4'-DDE (P,P'-DDE)	39321	8,000U UG/KG			UG/KG
4,4'-DDD (P,P'-DDD)	39311	8,000U UG/KG			UG/KG
ENDRIN	39393	8,000U UG/KG			UG/KG
ENDOSULFAN II (BETA)	34359	8,000U UG/KG			UG/KG
ENDOSULFAN SULFATE	34354	10,000U UG/KG			UG/KG
CHLORDANE (TECH. MIXTURE) (9)	39351	---			UG/KG
PCB-1242 (AROCLOR 1242)	39499	30,000U UG/KG			UG/KG
PCB-1254 (AROCLOR 1254)	39507	1,000U UG/KG			UG/KG
PCB-1221 (AROCLOR 1221)	39491	30,000U UG/KG			UG/KG
PCB-1232 (AROCLOR 1232)	39495	30,000U UG/KG			UG/KG
PCB-1248 (AROCLOR 1248)	39503	30,000U UG/KG			UG/KG
PCB-1260 (AROCLOR 1260)	39511	1,000U UG/KG			UG/KG
PCB-1016 (AROCLOR 1016)	39514	30,000U UG/KG			UG/KG
TOXAPHENE	39403	2,000U UG/KG			UG/KG
ENDRIN ALDEHYDE	34369	NA UG/KG			UG/KG
TCDD(DIOXIN)	34578	NA UG/KG			UG/KG
CHLORDENE /8	81765	2,000U UG/KG			UG/KG
ALPHA-CHLORDENE /8		2,000U UG/KG			UG/KG
GAMMA-CHLORDENE /8		2,000U UG/KG			UG/KG
I-HYDROXYCHLORDENE		NA UG/KG			UG/KG
GAMMA-CHLORDANE /8	39811	2,000U UG/KG			UG/KG
TRANS-NONACHLOR /8	39073	2,000U UG/KG			UG/KG
ALPHA-CHLORDANE /8		2,000U UG/KG			UG/KG
CIS-NONACHLOR /8	39070	2,000U UG/KG			UG/KG
METHOXUCHLOR	39481	NA UG/KG			UG/KG
HEXACHLOROCYCLOPENTADIENE (HCCP)	34389	NA UG/KG			UG/KG
HEXACHLORONORBORNADIENE (HCNB)		NA UG/KG			UG/KG

NOTES: 1) J-ESTIMATED VALUE

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN

4) M-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED  
THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

6) A-AVERAGE VALUE

7) NA-COMPOUND NOT ANALYZED FOR

8) CONSTITUENTS OF TECHNICAL CHLORDANE

9) When no value is reported, see chlordane constituents below.

0156

DATE: 06/10/82

PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

EPA-SAU-RGN.IV  
ATHENS, GA

PROJECT #: A2-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED (DATE &amp; TIME): 05/21/82 1644

SOURCE: SAU SITE

SAMPLE TYPE: INDSL

SAMPLE START (DATE &amp; TIME): 05/19/82 1020

CITY: NASHVILLE

STATE: TN

SAMPLE STOP (DATE &amp; TIME): 00/00/00 0

STATION: LN-05-S OIL SEPARATOR

SAU NO.: B2C1445

CHEMIST: E.W. Loy, Jr. COMPLETED 6/17/82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS	
AUDRIN	39333	3,000U	UG/KG	*	HEXACHLORONORBORNADIENE (HCNB)	NA UG/KG
HEPTACHLOR	39413	3,000U	UG/KG	*	HEPTACHLORONORBORNENE (HCNB)	NA UG/KG
HEPTACHLOR EPOXIDE	39423	3,000U	UG/KG	*	OCTACHLOROCYCLOPENTENE (OCCP)	NA UG/KG
ALPHA-BHC	39076	3,000U	UG/KG	*	HEXACHLORHENZENE (HCB)	39701 NA UG/KG
BETA-HHC	34257	3,000U	UG/KG	*	2,4-D	39731 NA UG/KG
GAMMA-BHC (LINDANE)	39343	3,000U	UG/KG	*	SILVEX (2,4,5-TP)	39761 NA UG/KG
DELTA-HHC	34262	3,000U	UG/KG	*	2,4,5-T	39741 NA UG/KG
ENDOSULFAN I (ALPHA)	34364	3,000U	UG/KG	*	% MOISTURE	70320 36
DIELDRIN	39383	3,000U	UG/KG	*		
4,4'-DDT (P,P'-DDT)	39301	70U	UG/KG	*		
4,4'-DDE (P,P'-DDE)	39321	70U	UG/KG	*		
4,4'-DDD (P,P'-DDD)	39311	70U	UG/KG	*		
ENDRIN	34393	70U	UG/KG	*		
ENDOSULFAN II (BETA)	34359	70U	UG/KG	*		
ENDOSULFAN SULFATE	34354	90U	UG/KG	*		
CHLORDANE (TECH. MATURE) (9)	39351	---	UG/KG	*		
PCB-1242 (AROCLOR 1242)	39499	30,000U	UG/KG	*		
PCB-1254 (AROCLOR 1254)	39507	1,000U	UG/KG	*		
PCB-1221 (AROCLOR 1221)	39491	30,000U	UG/KG	*		
PCB-1232 (AROCLOR 1232)	39495	30,000U	UG/KG	*		
PCB-1248 (AROCLOR 1248)	39503	30,000U	UG/KG	*		
PCB-1260 (AROCLOR 1260)	39511	1,000U	UG/KG	*		
PCB-1016 (AROCLOR 1016)	39514	30,000U	UG/KG	*		
TOXAPHENE	39403	1,000U	UG/KG	*		
ENDRIN ALDHYDE	34369	NA	UG/KG	*		
TCDD(DIOXIN)	34678	NA	UG/KG	*		
CHLORUENE /H	81765	2,000U	UG/KG	*		
ALPHA-CHLORDENE /H		2,000U	UG/KG	*		
GAMMA-CHLORDENE /H		2,000U	UG/KG	*		
1-HYDROXYCHLORDENE		NA	UG/KG	*		
GAMMA-CHLORDANE /d	39811	2,000U	UG/KG	*		
TRANS-NONACHLOR /H	39073	2,000U	UG/KG	*		
ALPHA-CHLORDANE /H		2,000U	UG/KG	*		
CIS-NONACHLOR /H	39070	2,000U	UG/KG	*		
METHOXYCHLOR	39481	NA	UG/KG	*		
HEXACHLOROCYCLOPENTADIENE (HCCP)	34389	NA	UG/KG	*		
HEXACHLORONORBORNADIENE (HCNB)		NA	UG/KG			

NOTES: 1) J-ESTIMATED VALUE

- 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
     THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL.  
 6) A-AVERAGE VALUE

7) NA-COMPOUND NOT ANALYZED FOR

- 8) CONSTITUENTS OF TECHNICAL CHLORDANE  
 9) When no value is reported, see chlordane constituents below.

0157

DATE: 06/21/82

PESTICIDES/PCB'S AND OTHER ORGANICATED COMPOUNDS  
DATA REPORTING SHEET  
SEWIMENT/SOIL/SLUDGE (DRY WT)

EPA-SAU-H IV  
ATHENS, GA

PROJECT #: A2-131 PROG ELEMENT #: NSF

DURCE: SAAD OIL COMPANY

ITY: NASHVILLE STATE: TN

SS-CON-15

TATION: 05000 STAINED SOIL SAMPLE

SAMPLE RECEIVED(DATE &amp; TIME): 06/17/82 1515

SAMPLE TYPE: SOIL

SAMPLE START(DATE &amp; TIME): 05/19/82 1130

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

SAU NO.: 82C1635

CHEMIST: E.W. Loy, Jr COMPLETED 7/19/82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
LDRIN	39333	4000	UG/KG	*	HEXACHLORONORBORNADIENE (HCNBD)
EPTACHLOR	39413	4000	UG/KG	*	HEPTACHLORONORBORNENE (HCNB)
EPTACHLOR EPXIDE	39423	4000	UG/KG	*	OCTACHLOROCYCLOPENTENE (OCCP)
LPHA-HHC	39076	4000	UG/KG	*	HEXACHLOROBENZENE (HCB)
ETA-BHC	34257	4000	UG/KG	*	2,4-D
AMMA-HHC (LINDANE)	39343	4000	UG/KG	*	SILVEX (2,4,5-TP)
ELTA-BHC	34262	4000	UG/KG	*	2,4,5-T
NDOSULFAN I (ALPHA)	34364	4000	UG/KG	*	% MOISTURE
IELDRIN	39383	4000	UG/KG	*	
4'-DDT (P,P'-DDT)	39301	8000	UG/KG	*	
4'-DDE (P,P'-DDE)	39321	8000	UG/KG	*	
4'-DDD (P,P'-DDD)	39311	8000	UG/KG	*	
NDRIN	39393	8000	UG/KG	*	
NDOSULFAN II (BETA)	34359	8000	UG/KG	*	
NDOSULFAN SULFATE	34354	10000	UG/KG	*	
CHLORDANE (TECH. MIXTURE)	39351	40000	UG/KG	*	
CB-1242 (AROCLOL 1242)	39499	40000	UG/KG	*	
CB-1254 (AROCLOL 1254)	39507	10000	UG/KG	*	
CB-1221 (AROCLOL 1221)	39491	40000	UG/KG	*	
CH-1232 (AROCLOL 1232)	39495	40000	UG/KG	*	
CH-1248 (AROCLOL 1248)	39503	40000	UG/KG	*	
CH-1260 (AROCLOL 1260)	39511	10000	UG/KG	*	
CB-1016 (AROCLOL 1016)	39514	40000	UG/KG	*	
TOXAPHENE	39403	200000	UG/KG	*	
NDRIN ALDEHYDE	34369	NA	UG/KG	*	
ICDD(DIOXIN)	34678	NA	UG/KG	*	
CHLORDENE /8	81765	--	UG/KG	*	
ALPHA-CHLORDENE /8		--	UG/KG	*	
BAMMA-CHLORDENE /8		--	UG/KG	*	
1-HYDROXYCHLORDENE		--	UG/KG	*	
GAMMA-CHLORDANE /8	39811	--	UG/KG	*	
TRANS-NONACHLOR /8	39073	--	UG/KG	*	
ALPHA-CHLORDANE /8		--	UG/KG	*	
CIS-NONACHLOR /8	39070	--	UG/KG	*	
METHOXYCHLOR	39481	NA	UG/KG	*	
HEXACHLOROCYCLOPENTADIENE (HCCP)	34389	NA	UG/KG	*	
HEXACHLORONORBORNADIENE (HCNBD)		NA	UG/KG	*	

- NOTES: 1) J-ESTIMATED VALUE  
 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED  
 THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 6) A-AVERAGE VALUE

- 7) NA-COMPOUND NOT ANALYZED FOR  
 8) CONSTITUENTS OF TECHNICAL CHLORDANE

0158

DATE: 06/21/82

PESTICIDES/PCB'S AND OTHER C  
RINATED COMPOUNDS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

EPA-SAU-H IV  
ATHENS, GA

PROJECT #: HZ-131 PROG ELEMENT #: NSF

SOURCE: SAAD OIL COMPANY

CITY: NASHVILLE STATE: TN

~~SS-COM-25~~

STATION: USUUI STANDARD SOIL SAMPLE

SAMPLE RECEIVED(DATE &amp; TIME): 06/17/82 1515

SAMPLE START(DATE &amp; TIME): 05/19/82 1145

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

CHEMIST: E.W. Loy, Jr. COMPLETED 7/19/82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
ALDRIN	39333	500 UG/KG	* HEXACHLORONURBORNADIENE (HCNB)	NA	UG/KG
HEPTACHLOR	39413	500 UG/KG	* HEPTACHLORONURBORNENE (HCNB)	NA	UG/KG
HEPTACHLOR EPoxide	39423	500 UG/KG	* OCTACHLOROCYCLOPENTENE (OCCP)	NA	UG/KG
ALPHA-HHC	39076	500 UG/KG	* HEXACHLOROBENZENE (HCB)	39701	UG/KG
BETA-HHC	34257	500 UG/KG	* 2,4-D	39731	UG/KG
GAMMA-HHC (LINDANE)	39343	500 UG/KG	* SILVEX (2,4,5-TP)	39761	UG/KG
DELTA-HHC	34262	500 UG/KG	* 2,4,5-T	39741	UG/KG
ENDOSULFAN I (ALPHA)	34364	500 UG/KG	* % MOISTURE	70320	NA
HELURIN	39383	500 UG/KG			UG/KG
4,4'-DDT (P,P'-DDT)	39301	800 UG/KG			UG/KG
4,4'-DDE (P,P'-DDE)	39321	800 UG/KG			UG/KG
4,4'-DDD (P,P'-DDD)	39311	800 UG/KG			UG/KG
ENDURIN	39393	800 UG/KG			UG/KG
ENDOSULFAN II (BETA)	34359	800 UG/KG			UG/KG
ENDOSULFAN SULFATE	34354	1000 UG/KG			UG/KG
CHLORDANE (TECH. MIXTURE)	39351	7000 UG/KG			UG/KG
PCB-1242 (AROCLOL 1242)	39499	7000 UG/KG			UG/KG
PCB-1254 (AROCLOL 1254)	39507	5000 UG/KG			UG/KG
PCB-1221 (AROCLOL 1221)	39491	7000 UG/KG			UG/KG
PCB-1232 (AROCLOL 1232)	39495	7000 UG/KG			UG/KG
PCB-1248 (AROCLOL 1248)	39503	7000 UG/KG			UG/KG
PCB-1260 (AROCLOL 1260)	39511	5000 UG/KG			UG/KG
PCB-1016 (AROCLOL 1016)	39514	7000 UG/KG			UG/KG
TOXAPHENE	39403	20000 UG/KG			UG/KG
ENDURIN ALUEHYDE	34369	NA UG/KG			UG/KG
TCDD (DIOXIN)	34678	NA UG/KG			UG/KG
CHLORODENE /8	81765	-- UG/KG			UG/KG
ALPHA-CHLORDENE /8		-- UG/KG			UG/KG
GAMMA-CHLORDENE /8		-- UG/KG			UG/KG
1-HYDROXYCHLORDENE		-- UG/KG			UG/KG
GAMMA-CHLORDANE /8	39811	-- UG/KG			UG/KG
TRANS-NONACHLOR	39073	-- UG/KG			UG/KG
ALPHA-CHLORDANE /8		-- UG/KG			UG/KG
CIS-NONACHLOR /8	39070	-- UG/KG			UG/KG
METHOXYPHENOL	39481	NA UG/KG			UG/KG
HEXACHLOROCYCLOPENTADIENE (HCCP)	34389	NA UG/KG			UG/KG
HEXACHLORONURBORNADIENE (HCNB)		NA UG/KG			UG/KG

- NOTES: 1) J-ESTIMATED VALUE  
 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED  
     THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 6) A-AVERAGE VALUE

7) NA-COMPOND NOT ANALYZED FOR  
 8) CONSTITUENTS OF TECHNICAL CHLORDANE

DATE: 06/10/82

PESTICIDES/PCBs AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

EPA-SAU-RGN.IV  
ATHENS, GA

PROJECT #: H2-131 PROG ELEMENT #: NSF

SOURCE: SAU SITE

CITY: NASHVILLE

STATE: TN

STATION: S-7/S SPRING 7

SAMPLE TYPE: SEUM

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SAMPLE START(DATE &amp; TIME): 05/18/82 1500

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

SAC NO.: 82C1444

CHEMIST: E.W. Loy, Jr. COMPLETED 6/17/82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
ALURIN	39333	1000U UG/KG	HEXACHLORONORBORNADIENE (HCNB)		NA UG/KG
HEPTACHLOR	39413	1000U UG/KG	HEPTACHLORONORBORNENE (HCNH)		NA UG/KG
HEPTACHLOR EPOXIDE	39423	1000U UG/KG	OCTACHLOROCYCLOPENTENE (OCCP)		NA UG/KG
ALPHA-HHC	39076	1000U UG/KG	HEXACHLOROBENZENE (HCB)	39701	NA UG/KG
BETA-HHC	34257	1000U UG/KG	2+4-D	39731	NA UG/KG
GAMMA-HHC (1,INDANE)	39343	1000U UG/KG	SILVEX (2,4,5-TP)	39761	NA UG/KG
DELTA-HHC	34262	1000U UG/KG	2+4,5-T	39741	NA UG/KG
ENDOSULFAN I (ALPHA)	34364	1000U UG/KG	% MOISTURE	70320	83
DIELDRIN	39383	1000U UG/KG			
4,4'-DDT (P,P'-DDT)	39301	200U UG/KG			UG/KG
4,4'-DDE (P,P'-DDE)	39321	200U UG/KG			UG/KG
4,4'-DDD (P,P'-DDD)	39311	200U UG/KG			UG/KG
ENDRIN	39393	200U UG/KG			UG/KG
ENDOSULFAN II (BETA)	34359	200U UG/KG			UG/KG
ENDOSULFAN SULFATE	34354	300U UG/KG			UG/KG
CHLORUANE (TECH. MIXTURE) (9)	39351	100U UG/KG			UG/KG
PCB-1242 (AROCLOL 1242)	39499	10,000U UG/KG			UG/KG
PCB-1254 (AROCLOL 1254)	39507	3,000U UG/KG			UG/KG
PCB-1221 (AROCLOL 1221)	39491	10,000U UG/KG			UG/KG
PCB-1232 (AROCLOL 1232)	39495	10,000U UG/KG			UG/KG
PCB-1248 (AROCLOL 1248)	39503	10,000U UG/KG			UG/KG
PCB-1260 (AROCLOL 1260)	39511	3,000U UG/KG			UG/KG
PCB-1016 (AROCLOL 1016)	39514	10,000U UG/KG			UG/KG
TOXAPHENE	39403	4,000U UG/KG			UG/KG
ENDRIN ALDEHYDE	34369	NA UG/KG			UG/KG
TCDD(DIOXIN)	34678	NA UG/KG			UG/KG
CHLORDENE /8	81765	1,000U UG/KG			UG/KG
ALPHA-CHLORDENE /8		1,000U UG/KG			UG/KG
GAMMA-CHLORDENE /8		1,000U UG/KG			UG/KG
1-HYDROXYCHLORDENE		NA UG/KG			UG/KG
GAMMA-CHLORDANE /8	39811	1,000U UG/KG			UG/KG
TRANS-NONACHLOR /8	39073	1,000U UG/KG			UG/KG
ALPHA-CHLORUANE /8		9,000U UG/KG			UG/KG
CIS-NONACHLOR /8	39070	1,000U UG/KG			UG/KG
METHOXYSCHLOR	39481	NA UG/KG			UG/KG
HEXACHLOROCYCLOPENTADIENE (OCCP)	34389	NA UG/KG			UG/KG
HEXACHLORONORBORNADIENE (HCNB)		NA UG/KG			UG/KG

- NOTES: 1) J-ESTIMATED VALUE  
 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
     THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 6) A-AVERAGE VALUE

- 7) NA-COMPOUND NOT ANALYZED FOR  
 8) CONSTITUENTS OF TECHNICAL CHLORDANE  
 9) When no value is reported, see chlordane constituents below.

2

3

0160

DATE: 06/10/82

PROJECT #: H2-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE STATE: TN

STATION: S-6.1/S SPRING 6.1

PESTICIDES/PCBS AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

EPA-SAU-RGN-IV  
ATHENS, GA

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SAMPLE START(DATE &amp; TIME): 05/18/82 1435

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

CHEMIST: E.W. Toy, Jr. COMPLETED 6/17/82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS		
ALDRIN	39333	500U	UG/KG	*	HEXACHLORONORBORNADIENE (HCNBD)	NA	UG/KG
HEPTACHLOR	39413	500U	UG/KG	*	HEPTACHLORONORBORNENE (HCNB)	NA	UG/KG
HEPTACHLOR EPoxide	39423	500U	UG/KG	*	OCTACHLOROCYCLOPENTENE (OCCP)	NA	UG/KG
ALPHA-HHC	39076	500U	UG/KG	*	HEXACHLOROBENZENE (HCH)	39701	UG/KG
BETA-HHC	34257	500U	UG/KG	*	2,4-D	39731	UG/KG
GAMMA-HHC (LINDANE)	39343	500U	UG/KG	*	SILVER (2,4,5-TP)	39761	UG/KG
DELTA-HHC	34262	500U	UG/KG	*	2,4,5-T	39741	UG/KG
ENDOSULFAN I (ALPHA)	34364	500U	UG/KG	*	% MOISTURE	70320	49
DIELDRIN	39383	500U	UG/KG	*			UG/KG
4,4'-DDT (P,P'-DDT)	39301	90U	UG/KG	*			UG/KG
4,4'-DDE (P,P'-DDE)	39321	90U	UG/KG	*			UG/KG
4,4'-DDD (P,P'-DDD)	39311	90U	UG/KG	*			UG/KG
ENDRIN	39393	90U	UG/KG	*			UG/KG
ENDOSULFAN II (BETA)	34359	90U	UG/KG	*			UG/KG
ENDOSULFAN SULFATE	34354	100U	UG/KG	*			UG/KG
CHLORDANE (TECH. MIXTURE) (9)	39351	---	UG/KG	*			UG/KG
PCB-1242 (AROCLOL 1242)	39499	6000U	UG/KG	*			UG/KG
PCB-1254 (AROCLOL 1254)	39507	1000U	UG/KG	*			UG/KG
PCB-1221 (AROCLOL 1221)	39491	6000U	UG/KG	*			UG/KG
PCB-1232 (AROCLOL 1232)	39495	6000U	UG/KG	*			UG/KG
PCB-1248 (AROCLOL 1248)	39503	6000U	UG/KG	*			UG/KG
PCB-1260 (AROCLOL 1260)	39511	1000U	UG/KG	*			UG/KG
PCB-1016 (AROCLOL 1016)	39514	6000U	UG/KG	*			UG/KG
TOXAPHENE	39403	2000U	UG/KG	*			UG/KG
ENDRIN ALdehyde	34369	NA	UG/KG	*			UG/KG
TCDD(TIOXIN)	34678	NA	UG/KG	*			UG/KG
CHLORODENE /A	81765	400U	UG/KG	*			UG/KG
ALPHA-CHLORODENE /B		400U	UG/KG	*			UG/KG
GAMMA-CHLORODENE /A		400U	UG/KG	*			UG/KG
1-HYDROXYCHLORODENE		NA	UG/KG	*			UG/KG
GAMMA-CHLORDANE /B	39811	400U	UG/KG	*			UG/KG
TRANS-NONACHLOR /B	39073	400U	UG/KG	*			UG/KG
ALPHA-CHLORDANE /B		4000U	UG/KG	*			UG/KG
CIS-NONACHLOR /B	39070	400U	UG/KG	*			UG/KG
METHOXYSCHLOR	39481	NA	UG/KG	*			UG/KG
HEXACHLOROCYCLOPENTADIENE (OCCP)	34389	NA	UG/KG	*			UG/KG
HEXACHLORONORBORNADIENE (HCNBD)		NA	UG/KG				

- NOTES: 1) J-ESTIMATED VALUE  
 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED  
     THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 6) A-AVERAGE VALUE

- 7) NA-COMPUND NOT ANALYZED FOR  
 8) CONSTITUENTS OF TECHNICAL CHLORDANE  
 9) When no value is reported, see chlordane constituents below.

DATE: 06/10/82

PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

EPA-SAD,RGN.IV  
ATHENS, GA

PROJECT #: A2-131 PROG ELEMENT #: NSE

SOURCE: SAAD SITE

CITY: NASHVILLE STATE: TN.

STATION: S-2/S SPRING S-2

SAMPLE TYPE: SEDIM

SAD NO.: A2C1440

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SAMPLE START(DATE &amp; TIME): 05/18/82 1315

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

CHEMIST: E.W. Loy, Jr. COMPLETED 6/17/82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
ALDRIN	39333	300 UG/KG	HEXAChLORoNURBORNAlIENE (HCNBd)	NA	UG/KG
HEPTACHLOR	39413	300 UG/KG	HEPTACHLORoNURBORNENE (HCNb)	NA	UG/KG
HEPTACHLOR EPOXIDE	39423	300 UG/KG	OCTACHLORoCYCLOPENTENE (OCCP)	NA	UG/KG
ALPHA-BHC	39076	300 UG/KG	HEXAChLORoHENZENE (HCb)	NA	UG/KG
BETA-BHC	34257	300 UG/KG	2,4-D	39701	UG/KG
GAMMA-BHC (LINDANE)	39343	300 UG/KG	SILVEX (2,4,5-TP)	39731	UG/KG
DELTA-BHC	34262	300 UG/KG	2,4,5-T	39761	UG/KG
ENDOSULFAN I (ALPHA)	34364	300 UG/KG	% MOISTURE	39741	UG/KG
DIELDRIN	39383	300 UG/KG		70320	30
4,4'-DDT (P,P'-DDT)	39301	700 UG/KG			UG/KG
4,4'-DDE (P,P'-DDE)	39321	700 UG/KG			UG/KG
4,4'-DDD (P,P'-DDD)	39311	700 UG/KG			UG/KG
ENDRIN	39393	700 UG/KG			UG/KG
ENDOSULFAN II (BETA)	34359	700 UG/KG			UG/KG
ENDOSULFAN SULFATE	34354	900 UG/KG			UG/KG
CHLORDANE (TECH. MIXTURE) (9)	39351	----- UG/KG			UG/KG
PCB-1242 (AROCLOr 1242)	39499	5000 UG/KG			UG/KG
PCB-1254 (AROCLOr 1254)	39507	10000 UG/KG			UG/KG
PCB-1221 (AROCLOr 1221)	39491	5000 UG/KG			UG/KG
PCB-1232 (AROCLOr 1232)	39495	5000 UG/KG			UG/KG
PCB-1248 (AROCLOr 1248)	39503	5000 UG/KG			UG/KG
PCB-1260 (AROCLOr 1260)	39511	10000 UG/KG			UG/KG
PCB-1016 (AROCLOr 1016)	39514	5000 UG/KG			UG/KG
TOXAPHENE	39403	10000 UG/KG			UG/KG
ENDRIN ALDEHYDE	34369	NA UG/KG			UG/KG
TCDD (D10XIN)	34678	NA UG/KG			UG/KG
CHLORDENE /8	81765	400 UG/KG			UG/KG
ALPHA-CHLORDENE /8		400 UG/KG			UG/KG
GAMMA-CHLORDENE /8		400 UG/KG			UG/KG
1-HYDROXYCHLORDENE		NA UG/KG			UG/KG
GAMMA-CHLORDANE /8	39811	400 UG/KG			UG/KG
TRANS-NONACHLOR /8	39073	400 UG/KG			UG/KG
ALPHA-CHLORDANE /8		400 UG/KG			UG/KG
CIS-NONACHLOR /8	39070	400 UG/KG			UG/KG
METHOXYSCHLOR	39481	NA UG/KG			UG/KG
HEXAChLORoCYCLOPENTADIENE (OCCP)	34389	NA UG/KG			UG/KG
HEXAChLORoNURBORNAlIENE (HCNBd)		NA UG/KG			UG/KG

- NOTES: 1) J-ESTIMATED VALUE  
 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 4) M-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED  
     THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 6) A-AVERAGE VALUE

- 1) NA-COMPOUND NOT ANALYZED FOR  
 2) CONSTITUENTS OF TECHNICAL CHLORDANE  
 3) When no value is reported, see chlordane constituents below.

DATE: 06/10/82

PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

EPA-SAU-RGN.IV  
ATHENS, GA

PROJECT #: A2-131 PROG ELEMENT #: NSE

SOURCE: SAAU SITE

CITY: NASHVILLE STATE: TN.

STATION: S-3.1/S SPRING S-3

SAMPLE TYPE: SEDIM

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SAMPLE START(DATE &amp; TIME): 05/18/82 1340

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

SAU NO.: 82C1441

CHEMIST: E.W. Lov. Jr. COMPLETED 6/12/82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS		
ALDRIN	39333	30U	UG/KG	*	HEXAChLORONORBORNADIENE (HCNB)	NA	UG/KG
HEPTACHLOR	39413	30U	UG/KG	*	HEPTACHLORONORBORNENE (HCNB)	NA	UG/KG
HEPTACHLOR EPoxide	39423	30U	UG/KG	*	OCTACHLOROCYCLOPENTENE (OCCP)	NA	UG/KG
ALPHA-BHC	39076	30U	UG/KG	*	HEXAChLOROBENZENE (HCH)	39701	UG/KG
BETA-BHC	34257	30U	UG/KG	*	2,4-D	39731	UG/KG
GAMMA-BHC (LINDANE)	39343	30U	UG/KG	*	SILVEX (2,4,5-TP)	39761	UG/KG
DELTA-HHC	34262	30U	UG/KG	*	2,4,5-T	39741	UG/KG
ENDOSULFAN I (ALPHA)	34364	30U	UG/KG	*	% MOISTURE	70320	29
DIELDRIN	39383	30U	UG/KG	*			
4,4'-DDT (P,P'-DDT)	39301	70U	UG/KG	*			
4,4'-DDE (P,P'-DDE)	39321	70U	UG/KG	*			
4,4'-DDD (P,P'-DDD)	39311	70U	UG/KG	*			
ENDRIN	39393	70U	UG/KG	*			
ENDOSULFAN II (BETA)	34359	70U	UG/KG	*			
ENDOSULFAN SULFATE	34354	90U	UG/KG	*			
CHLORDANE (TECH. MIXTURE) (9)	39351	---	UG/KG	*			
PCB-1242 (AROCLOL 1242)	39499	500U	UG/KG	*			
PCB-1254 (AROCLOL 1254)	39507	1000U	UG/KG	*			
PCB-1221 (AROCLOL 1221)	39491	500U	UG/KG	*			
PCB-1232 (AROCLOL 1232)	39495	500U	UG/KG	*			
PCB-1248 (AROCLOL 1248)	39503	500U	UG/KG	*			
PCB-1260 (AROCLOL 1260)	39511	1000U	UG/KG	*			
PCB-1016 (AROCLOL 1016)	39514	500U	UG/KG	*			
TOXAPHENE	39403	1000U	UG/KG	*			
ENDRIN ALDEHYDE	34369	NA	UG/KG	*			
TCDD (DIOXIN)	34678	NA	UG/KG	*			
CHLORUENE /8	81765	40U	UG/KG	*			
ALPHA-CHLORDENE /8		40U	UG/KG	*			
GAMMA-CHLORDENE /8		40U	UG/KG	*			
1-HYDROXYCHLORDENE		NA	UG/KG	*			
GAMMA-CHLORODANE /8	39811	40U	UG/KG	*			
TRANS-NONACHLOR /8	39073	40U	UG/KG	*			
ALPHA-CHLORODANE /8		40U	UG/KG	*			
CIS-NONACHLOR /8	39070	40U	UG/KG	*			
METHOXYPHENOL	39481	NA	UG/KG	*			
HEXAChLOROCYCLOPENTADIENE (OCCP)	34389	NA	UG/KG	*			
HEXAChLORONORBORNADIENE (HCNB)		NA	UG/KG				

NOTES: 1) J-ESTIMATED VALUE

- 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED  
    THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 6) A-AVERAGE VALUE

7) NA-COMPOUND NOT ANALYZED FOR

8) CONSTITUENTS OF TECHNICAL CHLORDANE

9) When no value is reported, see chlordane constituents below.

2 8  
0 163

DATE: 06/10/82

PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

EPA-SAD, RGN. IV  
ATHENS, GA

PROJECT #: R2-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE TYPE: SEDIM

SAMPLE START(DATE &amp; TIME): 05/18/82 1405

CITY: NASHVILLE

STATE: TN.

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

STATION: SP4-5/S SPRING 4/S

SAD NO.: 82C1442

CHEMIST: E.W. Lay, Jr. COMPLETED 6/17/82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
ALDRIN	39333	300 UG/KG	HEXAChLORONORBORNADIENE (HCNBD)	NA	UG/KG
HEPTACHLOR	39413	300 UG/KG	HEPTACHLORONORBORNENE (HCNB)	NA	UG/KG
HEPTACHLOR EPoxide	39423	300 UG/KG	OCTACHLOROCYCLOPENTENE (OCCP)	NA	UG/KG
ALPHA-HHC	39076	300 UG/KG	HEXAChLOROBENZENE (HCB)	39701	UG/KG
BETA-HHC	34257	300 UG/KG	2,4-D	39731	UG/KG
GAMMA-BHC (LINDANE)	39343	300 UG/KG	SILVEX (2,4,5-TP)	39761	UG/KG
DELTA-BHC	34262	300 UG/KG	2,4,5-T	39741	UG/KG
ENDOSULFAN I (ALPHA)	34364	300 UG/KG	% MOISTURE	70320	26
DIELDRIN	39383	300 UG/KG			
4,4'-DDT (P,P'-DDT)	39301	200 UG/KG			
4,4'-DDE (P,P'-DDE)	39321	200 UG/KG			
4,4'-DDD (P,P'-DDD)	39311	200 UG/KG			
ENDRIN	39393	200 UG/KG			
ENDOSULFAN II (BETA)	34359	200 UG/KG			
ENDOSULFAN SULFATE	34354	900 UG/KG			
CHLORDANE (TECH. MIXTURE) (9)	39351	----- UG/KG			
PCB-1242 (AROCLOC 1242)	39499	400 UG/KG			
PCB-1254 (AROCLOC 1254)	39507	10000 UG/KG			
PCB-1221 (AROCLOC 1221)	39491	400 UG/KG			
PCB-1232 (AROCLOC 1232)	39495	400 UG/KG			
PCB-1248 (AROCLOC 1248)	39503	400 UG/KG			
PCB-1260 (AROCLOC 1260)	39511	10000 UG/KG			
PCB-1016 (AROCLOC 1016)	39514	400 UG/KG			
TUXAPHENE	39403	10000 UG/KG			
ENDRIN ALDEHYDE	34369	NA UG/KG			
TCDD (DIOXIN)	34678	NA UG/KG			
CHLORDENE /8	81765	400 UG/KG			
ALPHA-CHLORDENE /8		400 UG/KG			
GAMMA-CHLORDENE /8		400 UG/KG			
1-HYDROXYCHLORDENE		NA UG/KG			
GAMMA-CHLORDANE /8	39811	400 UG/KG			
TRANS-NONACHLOR /8	39073	400 UG/KG			
ALPHA-CHLORDANE /8		400 UG/KG			
CIS-NONACHLOR /8	39070	400 UG/KG			
METHOXYSCHLOR	39481	NA UG/KG			
HEXAChLOROCYCLOPENTADIENE (OCCP)	34389	NA UG/KG			
HEXAChLORONORBORNADIENE (HCNBD)		NA UG/KG			

NOTES: 1) J-ESTIMATED VALUE

- 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 4) M-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED  
     THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 6) P-AVERAGE VALUE

7) NA-COMPOUND NOT ANALYZED FOR

- 8) CONSTITUENTS OF TECHNICAL CHLORDANE  
 9) When no value is reported, see chlordane constituents below.

DATE: 06/10/82

PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
SEWIMENT/SOIL/SLUDGE (DRY WT)

EPA-SAD,RGN.IV  
ATHENS, GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE STATE: TN

STATION: T-2/S IND. AREA CREEK

SAMPLE TYPE: SEDIM

SAMPLE RECEIVED (DATE &amp; TIME): 05/21/82 1644

SAMPLE START (DATE &amp; TIME): 05/18/82 1250

SAMPLE STOP (DATE &amp; TIME): 00/00/00 0

SAD NO.: 82C1439

CHEMIST: E.W. Loy, Jr. COMPLETED 6/17/82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS		
ALDH-IN	39333	20U	UG/KG	*	HEXACHLORONORBORNADIENE (HCNB)	NA	UG/KG
HEPTACHLOR	39413	20U	UG/KG	*	HEPTACHLORONORBORNENE (HCNB)	NA	UG/KG
HEPTACHLOR EPOXIDE	39423	20U	UG/KG	*	OCTACHLOROCYCLOPENTENE (OCCP)	NA	UG/KG
ALPHA-BHC	39076	20U	UG/KG	*	HEXACHLOROBENZENE (HCB)	39701	UG/KG
BETA-BHC	34257	20U	UG/KG	*	2,4-U	39731	UG/KG
GAMMA-BHC (LINDANE)	39343	20U	UG/KG	*	SILVEX (2,4,5-TP)	39761	UG/KG
DELTA-BHC	34262	20U	UG/KG	*	2,4,5-T	39741	UG/KG
ENDOSULFAN I (ALPHA)	34364	20U	UG/KG	*	MOISTURE	70320	20
UIELDRIN	39383	20U	UG/KG	*			
4,4'-DDT (P,P'-DDT)	39301	50U	UG/KG	*			
4,4'-DDE (P,P'-DDE)	39321	50U	UG/KG	*			
4,4'-DDD (P,P'-DDD)	39311	50U	UG/KG	*			
ENDRIN	39393	50U	UG/KG	*			
ENDOSULFAN II (BETA)	34359	50U	UG/KG	*			
ENDOSULFAN SULFATE	34354	100U	UG/KG	*			
CHLORDANE (TECH. MIXTURE) (9)	39351	--	UG/KG	*			
PCB-1242 (AROCLOL 1242)	39499	500U	UG/KG	*			
PCB-1254 (AROCLOL 1254)	39507	800U	UG/KG	*			
PCB-1221 (AROCLOL 1221)	39491	500U	UG/KG	*			
PCB-1232 (AROCLOL 1232)	39495	500U	UG/KG	*			
PCB-1248 (AROCLOL 1248)	39503	500U	UG/KG	*			
PCB-1260 (AROCLOL 1260)	39511	800U	UG/KG	*			
PCB-1016 (AROCLOL 1016)	39514	500U	UG/KG	*			
TOXAPHENE	39403	1000U	UG/KG	*			
ENDRIN ALDEHYDE	34369	NA	UG/KG	*			
TCDD (DIOXIN)	34678	NA	UG/KG	*			
CHLORDENE /8	81765	30U	UG/KG	*			
ALPHA-CHLORDENE /8		30U	UG/KG	*			
GAMMA-CHLORDENE /8		30U	UG/KG	*			
1-HYDROXYCHLORDENE		NA	UG/KG	*			
GAMMA-CHLORDANE /8	39811	62	UG/KG	*			
TRANS-NONACHLOR /8	39073	30U	UG/KG	*			
ALPHA-CHLORDANE /8		200U	UG/KG	*			
CIS-NONACHLOR /8	39070	30U	UG/KG	*			
METHOXYPHENOL	39481	NA	UG/KG	*			
HEXACHLOROCYCLOPENTADIENE (OCCP)	34389	NA	UG/KG	*			
HEXACHLORONORBORNADIENE (HCNB)		NA	UG/KG	*			

NOTES: 1) J-ESTIMATED VALUE

- 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
     THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL.  
 6) A-AVERAGE VALUE

1) NA-COMPOUND NOT ANALYZED FOR

2) CONSTITUENTS OF TECHNICAL CHLORDANE

3) When no value is reported, see chlordane constituents below.

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DATE: 06/10/82

PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

EPA-SAU, RGN. IV  
ATHENS, GA

PROJECT #: H2-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE STATE: TN

STATION: HC/S BELOW CONFLUENCE

SAMPLE TYPE: SEDIM

SAU NO.: 82C1438

SAMPLE RECEIVED (DATE &amp; TIME): 05/21/82 1644

SAMPLE START (DATE &amp; TIME): 05/18/82 1120

SAMPLE STOP (DATE &amp; TIME): 00/00/00 0

CHEMIST: E.W. Joy, Jr. COMPLETED 6/17/82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS		
ALDRIN	39333	20U	UG/KG	*	HEXA-CHLORONORBORNADIENE (HCNB0)	NA	UG/KG
HEPTACHLOR	39413	20U	UG/KG	*	HEPTACHLORONORBORNENE (HCNB)	NA	UG/KG
HEPTACHLOR EPoxide	39423	20U	UG/KG	*	OCTA-CHLOROCYCLOPENTENE (OCCP)	NA	UG/KG
ALPHA-HHC	39076	20U	UG/KG	*	HEXA-CHLOROBENZENE (HCB)	39701	UG/KG
BETA-HHC	34257	20U	UG/KG	*	2,4-D	39731	UG/KG
GAMMA-HHC (1INDANE)	39343	20U	UG/KG	*	SILVEX (2,4,5-TP)	39761	UG/KG
DELTA-HHC	34262	20U	UG/KG	*	2,4,5-T	39741	UG/KG
ENDOSULFAN I (ALPHA)	34364	20U	UG/KG	*	% MOISTURE	70320	22
DIELDRIN	39383	20U	UG/KG	*			UG/KG
4,4'-DDT (P,P'-DDT)	39301	50U	UG/KG	*			UG/KG
4,4'-DDE (P,P'-DDE)	39321	50U	UG/KG	*			UG/KG
4,4'-DDD (P,P'-DDD)	39311	50U	UG/KG	*			UG/KG
ENDRIN	39393	50U	UG/KG	*			UG/KG
ENDOSULFAN III (BETA)	34359	50U	UG/KG	*			UG/KG
ENDOSULFAN SULFATE	34354	100U	UG/KG	*			UG/KG
CHLORDANE (TECH. MIXTURE) (9)	39351	--	UG/KG	*			UG/KG
PCH-1242 (AROCLOR 1242)	39499	500U	UG/KG	*			UG/KG
PCH-1254 (AROCLOR 1254)	39507	800U	UG/KG	*			UG/KG
PCH-1221 (AROCLOR 1221)	39491	500U	UG/KG	*			UG/KG
PCH-1232 (AROCLOR 1232)	39495	500U	UG/KG	*			UG/KG
PCH-1248 (AROCLOR 1248)	39503	500U	UG/KG	*			UG/KG
PCH-1260 (AROCLOR 1260)	39511	800U	UG/KG	*			UG/KG
PCH-1016 (AROCLOR 1016)	39514	500U	UG/KG	*			UG/KG
TOXAPHENE	39403	1000U	UG/KG	*			UG/KG
ENDRIN ALDEHYDE	34369	NA	UG/KG	*			UG/KG
TDDU(DIOXIN)	34678	NA	UG/KG	*			UG/KG
CHLORDENE /8	81765	30U	UG/KG	*			UG/KG
ALPHA-CHLORDENE /8	--	30U	UG/KG	*			UG/KG
GAMMA-CHLORDENE /8	--	30U	UG/KG	*			UG/KG
1-HYDROXYCHLORDENE	--	NA	UG/KG	*			UG/KG
GAMMA-CHLORDANE /8	39811	48	UG/KG	*			UG/KG
TRANS-NONACHLOR /8	39073	30U	UG/KG	*			UG/KG
ALPHA-CHLORDANE /8	--	100U	UG/KG	*			UG/KG
CIS-NONACHLOR /8	39070	30U	UG/KG	*			UG/KG
METHOXYPHENOL	39481	NA	UG/KG	*			UG/KG
HEXA-CHLOROCYCLOPENTADIENE (HCCP)	34389	NA	UG/KG	*			UG/KG
HEXA-CHLORONORBORNADIENE (HCNB0)	--	NA	UG/KG				

- NOTES: 1) J-ESTIMATED VALUE  
 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED  
     THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 6) A-AVERAGE VALUE

- 1) NA-COMPUND NOT ANALYZED FOR  
 2) CONSTITUENTS OF TECHNICAL CHLORDANE  
 3) When no value is reported, see chlordane constituents below.

016

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD-REG 1  
ATHENS, GEORGIA

12/15/82 PESTICIDES/PCRS AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 82C2839 SAMPLE TYPE: SOIL

PROJECT NO.: 82-1318 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD  
CITY: NASHVILLE STATE: TN

STATION ID: SS-CF-SP

STATION NUMBER:

SAMPLE COLLECTION: START DATE/TIME 09/16/82 0  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: EAH WILSON RECEIVED FROM:

SAMPLE REC'D: DATE/TIME 00/00/00 0  
RECID BY:  
SEALED:

CHEMIST: HLR  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO.: D 1343 INDRG SAMPLE NO.: MD 9042

CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM

CONTRACT LABORATORY(INORGANIC): ROCKY MOUNTAIN LABS

REMARK: ORG SAMPLES SHIPPED BY FEDEX EXP 406215176

REMARK: INDRG SAMPLES SHIPPED BY FEDEX EXP 406215180

SAMPLE LOG VERIFIED BY: OLC DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*  
ALL DATA SUSPECT BASED ON 3C DATA.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	
4.01	UG/KG	INDRIN	
4.00	UG/KG	HEPTACHLOR	
4.00	UG/KG	EPoxide	
4.00	UG/KG	ALPHA-BHC	
4.00	UG/KG	BETA-BHC	
4.00	UG/KG	GAAMA-BHC (LINDANE)	
4.00	UG/KG	DELTA-BHC	
4.00	UG/KG	ENDOSULFAN I (ALPHA)	
4.00	UG/KG	DIFLUORIN	
4.00	UG/KG	4,4'-DDT (P,P'-DDT)	
4.00	UG/KG	4,4'-DDE (P,P'-DDE)	
4.00	UG/KG	4,4'-DDD (P,P'-DDD)	
4.00	UG/KG	ENDRIN	
4.00	UG/KG	ENDOSULFAN II (BETA)	
4.00	UG/KG	ENDOSULFAN SULFATE	
4.00	UG/KG	CHLORDANE (TECH. MIXTURE) /1	
4.00	UG/KG	CHLORDANE (TECH. 4,4')	
4.00	UG/KG	PCP = 1242	
4.00	UG/KG	PCP = 1254 (AROCLODR 1254)	
4.00	UG/KG	PCP = 1221 (AROCLODR 1221)	
4.00	UG/KG	PCP = 1232 (AROCLODR 1232)	
4.00	UG/KG	PCP = 1248 (AROCLODR 1248)	
4.00	UG/KG	PCP = 1260 (AROCLODR 1260)	
4.00	UG/KG	PCP = 1016 (AROCLODR 1016)	
4.00	UG/KG	TOXAPHENE	
4.00	UG/KG	ENDRIN ALDEHYDE	
4.00	UG/KG	ENDO-TCDD/DOXIN	
4.00	UG/KG	34678	
		81765	
NA	UG/KG	CHLORDENE /2	
NA	UG/KG	ALPHA-CHLORDENE /2	
NA	UG/KG	CHLORDENE /2	
NA	UG/KG	CHLORDENE /2	
NA	UG/KG	1-HYDROXYCHLORDENE /2	
NA	UG/KG	GAMMA-CHLORDENE /2	
NA	UG/KG	TRANS-CHLORDENE /2	
NA	UG/KG	ALPHA-CHLORDENE /2	
NA	UG/KG	CHLORDENE /2	
NA	UG/KG	METHOXYCHLOR MOISTURE	
		8	

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*AVERAGE VALUE \*N=NOT ANALYZED \*N/A=INTERFERENCE  
\*\*ESTIMATED VALUE \*\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN

\*U-WATERML WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
\*THE MINIMUM DETECTION LIMIT ACHLOR DR 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

2: CONSTITUENTS OF TECHNICAL CHLORDANE.

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DATE: 05/27/

PURGEABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
WATER

EPA-SAD 1.IV  
ATHENS, GA

PROJECT #: A2-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE TYPE: DRKWA

SAMPLE START(DATE &amp; TIME): 05/18/82 1330

CITY: NASHVILLE

STATE: TN

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

STATION: PW-IW NEWMAN WELL

SAO NO.: 82C1426

CHEMIST: E.W. Lov. Jr. COMPLETED 6-4-82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
DICHLORODIFLUOROMETHANE	34668	NA UG/L	*		UG/L
TRICHLOROFUOROMETHANE	34488	NA UG/L	*		UG/L
ACROLEIN	34210	NA UG/L	*		UG/L
ACRYLONITRILE	34215	NA UG/L	*		UG/L
CHLOROMETHANE	34418	SU UG/L	*		UG/L
BROMOMETHANE	34413	SU UG/L	*		UG/L
VINYL CHLORIDE	39175	SU UG/L	*		UG/L
CHLOROETHANE	34311	SU UG/L	*		UG/L
METHYLENE CHLORIDE	34423	SU UG/L	*		UG/L
1,1-DICHLOROETHYLENE	34501	SU UG/L	*		UG/L
1,1-DICHLOROETHANE	34496	SU UG/L	*		UG/L
TRANS-1,2-DICHLOROETHENE	34546	64 UG/L	*		UG/L
CHLOROFORM	32106	SU UG/L	*		UG/L
1,2-DICHLOROETHANE	32103	SU UG/L	*		UG/L
1,1,1-TRICHLOROETHANE	34506	SU UG/L	*		UG/L
CARBON TETRACHLORIDE	32102	SU UG/L	*		UG/L
BROMODICHLOROMETHANE	32101	SU UG/L	*		UG/L
1,2-DICLOROPROPANE	34541	SU UG/L	*		UG/L
TRANS-1,3-DICHLOROPROPENE	34699	SU UG/L	*		UG/L
TRICHLOROETHENE	39180	SU UG/L	*		UG/L
BENZENE	34030	SU UG/L	*		UG/L
DIBROMOCHLOROMETHANE	34306	SU UG/L	*		UG/L
1,1,2-TRICHLOROETHANE	34511	SU UG/L	*		UG/L
CIS-1,3-DICHLOROPROPENE	34704	SU UG/L	*		UG/L
1-CHLOROETHYL VINYL ETHER	34576	SU UG/L	*		UG/L
BROMOFORM	32104	SU UG/L	*		UG/L
1,1,2,2-TETRACHLOROETHANE	34516	SU UG/L	*		UG/L
TETRACHLOROETHENE	34475	SU UG/L	*		UG/L
TOLUENE	34010	SU UG/L	*		UG/L
CHLOROBENZENE	34301	SU UG/L	*		UG/L
ETHYL BENZENE	34371	SU UG/L	*		UG/L
M-XYLENE		SU UG/L	*		UG/L
o,p-XYLENE (MIXED)		SU UG/L	*		UG/L

NOTES: 1) J-ESTIMATED VALUE

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

3)

L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

6) A-AVERAGE VALUE

7) NA-COMPOND NOT ANALYZED FOR.

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DATE: 05/27/82

PROJECT #: 82-131 PHUG ELEMENT #: NSF

DURCE: SAAD SITE

CITY: NASHVILLE

STATE: TN

LOCATION: PW-2W LANKFORD WELL

**PURGABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
WATER**

 EPA-SAU-RUN-IV  
ATHENS, GA

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1044

SAMPLE START(DATE &amp; TIME): 05/18/82 1400

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

CHEMIST: E.W. Loy, Jr. COMPLETED 6-4-82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS	
1,CHLORODIFLUOROMETHANE	34668	NA	UG/L	2-methoxy-2-methylpropane	5JN	UG/L
1,CHLORODIFLUOROMETHANE	34488	NA	UG/L			UG/L
CHOLEIN	34210	NA	UG/L			UG/L
CHYRONITRILE	34215	NA	UG/L			UG/L
CHLOROMETHANE	34418	5U	UG/L			UG/L
CHOMOMETHANE	34413	5U	UG/L			UG/L
CINYL CHLORIDE	34175	5U	UG/L			UG/L
CHLOROETHANE	34311	5U	UG/L			UG/L
CH THYLENE CHLORIDE	34423	5U	UG/L			UG/L
+1-DICHLOROE THYLENE	34501	5U	UG/L			UG/L
+1-DICHLORUE THANE	34490	5U	UG/L			UG/L
TRANS-1,2-DICHLORUETHENE	34546	5U	UG/L			UG/L
CHLOROFORM	32106	5U	UG/L			UG/L
1,2-DICHLOROETHANE	32103	5U	UG/L			UG/L
1,1,1-TRICHLOROETHANE	34506	5U	UG/L			UG/L
TARHON TETRACHLORIDE	32102	5U	UG/L			UG/L
BROMODICHLOROMETHANE	32101	5U	UG/L			UG/L
1,2-DICHLOROPROPANE	34541	5U	UG/L			UG/L
TRANS-1,3-DICHLOROPROPENE	34699	5U	UG/L			UG/L
TRICHLORUETHENE	34180	5U	UG/L			UG/L
BENZENE	34030	5U	UG/L			UG/L
1-BROMOCHLOROMETHANE	34306	5U	UG/L			UG/L
1,1,2-TRICHLOROETHANE	34511	5U	UG/L			UG/L
CIS-1,3-DICHLOROPROPENE	34704	5U	UG/L			UG/L
1-CHLOROETHYL VINYL ETHER	34576	5U	UG/L			UG/L
BRUMOFORM	32104	5U	UG/L			UG/L
1,1,2,2-TETRACHLOROETHANE	34516	5U	UG/L			UG/L
TETRACHLOROETHENE	34475	0.6J	UG/L			UG/L
TOLUENE	34010	5U	UG/L			UG/L
CHLOROBENZENE	34301	5U	UG/L			UG/L
ETHYL BENZENE	34371	5U	UG/L			UG/L
M-XYLENE		5U	UG/L			UG/L
O&P-XYLENE(MIXED)		5U	UG/L			UG/L

NOTES: 1) J-ESTIMATED VALUE

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

6) A-AVERAGE VALUE

7) NA-COMPOND NOT ANALYZED FOR.

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DATE: 05/21

PURGEABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
WATER

EPA-SA GN.IV  
ATHENS, GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE

STATE: TN

STATION: FB-W FRANKLIN BRICK

SAMPLE TYPE: INDEF

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SAMPLE START(DATE &amp; TIME): 05/19/82 1200

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

SAU NO.: 82C1435\*

CHEMIST: E.W. Loy, Jr. COMPLETED 6-4-82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
DICHLORODIFLUOROMETHANE	34668	NA	UG/L	*	
TRICHLOROFLUOROMETHANE	34488	NA	UG/L	*	
ACROLEIN	34210	NA	UG/L	*	
ACRYLONITRILE	34215	NA	UG/L	*	
CHLOROMETHANE	34418	SU	UG/L	*	
BROMOMETHANE	34413	SU	UG/L	*	
VINYL CHLORIDE	39175	4J	UG/L	*	
CHLOROETHANE	34311	5.3	UG/L	*	
METHYLENE CHLORIDE	34423	SU	UG/L	*	
1,1-DICHLOROETHYLENE	34501	SU	UG/L	*	
1,1-DICHLOROETHANE	34496	5.1	UG/L	*	
TRANS-1,2-DICHLOROETHENE	34546	8.5	UG/L	*	
CHLOROFORM	32106	SU	UG/L	*	
1,2-DICHLOROETHANE	32103	SU	UG/L	*	
1,1,1-TRICHLOROETHANE	34506	SU	UG/L	*	
CARBON TETRACHLORIDE	32102	SU	UG/L	*	
BROMOCHLOROMETHANE	32101	SU	UG/L	*	
1,2-DICHLOROPROPANE	34541	SU	UG/L	*	
TRANS-1,3-DICHLOROPROPENE	34699	SU	UG/L	*	
TRICHLOROETHENE	39180	0.5J	UG/L	*	
BENZENE	34030	4J	UG/L	*	
DIBROMOCHLOROMETHANE	34306	SU	UG/L	*	
1,1,2-TRICHLOROETHANE	34511	SU	UG/L	*	
CIS-1,3-DICHLOROPROPENE	34704	SU	UG/L	*	
1-CHLOROETHYL VINYL ETHER	34576	SU	UG/L	*	
BROMOFORM	32104	SU	UG/L	*	
1,1,2,2-TETRACHLOROETHANE	34516	SU	UG/L	*	
TETRACHLOROETHENE	34475	SU	UG/L	*	
TOLUENE	34010	230J	UG/L	*	
CHLOROBENZENE	34301	SU	UG/L	*	
ETHYL BENZENE	34371	9.2J	UG/L	*	
M-XYLENE		32J	UG/L	*	
O&P-XYLENE(MIXED)		40J	UG/L	*	

NOTES: 1) J-ESTIMATED VALUE

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

6) A-AVERAGE VALUE

7) NA-COMPONENT NOT ANALYZED FOR.

\* No acid preserved sample

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DATE: 05/21/82

PURGEABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
WATER

EPA-S RGN-IV  
ATHENS, GA

PROJECT #: B2-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE STATE: TN

STATION: LN-BL-W 2 DEGREES DRAINAGE

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SAMPLE TYPE: INDEF

SAMPLE START(DATE &amp; TIME): 05/19/82 1130

SAID NO.: B2C1437

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

CHEMIST: E.W. Loy, Jr. COMPLETED 6-4-82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
DICHLORODIFLUOROMETHANE	34668	NA	UG/L		UG/L
TRICHLORODIFLUOROMETHANE	34488	NA	UG/L		UG/L
ACROLEIN	34210	NA	UG/L		UG/L
ACRYLONITRILE	34215	NA	UG/L		UG/L
CHLOROMETHANE	34418	5U	UG/L		UG/L
BROMOMETHANE	34413	5U	UG/L		UG/L
VINYL CHLORIDE	39175	5U	UG/L		UG/L
CHLOROETHANE	34311	5U	UG/L		UG/L
METHYLENE CHLORIDE	34423	5U	UG/L		UG/L
1,1-DICHLOROETHYLENE	34501	5U	UG/L		UG/L
1,1-DICHLOROETHANE	34496	5U	UG/L		UG/L
TRANS-1,2-DICHLOROETHENE	34546	5U	UG/L		UG/L
CHLOROFORM	32106	20	UG/L		UG/L
1,2-DICHLOROETHANE	32103	5U	UG/L		UG/L
1,1,1-TRICHLOROETHANE	34506	5U	UG/L		UG/L
CARBON TETRACHLORIDE	32102	5U	UG/L		UG/L
BROMODICHLOROMETHANE	34101	0.8J	UG/L		UG/L
1,2-DICHLOROPROPANE	34541	5U	UG/L		UG/L
TRANS-1,3-DICHLOROPROPENE	34699	5U	UG/L		UG/L
TRICHLOROETHENE	39180	5U	UG/L		UG/L
BENZENE	34030	5U	UG/L		UG/L
DIBROMOCHLOROMETHANE	34306	5U	UG/L		UG/L
1,1,2-TRICHLOROETHANE	34511	5U	UG/L		UG/L
CIS-1,3-DICHLOROPROPENE	34704	5U	UG/L		UG/L
1-CHLOROETHYL VINYL ETHER	34576	5U	UG/L		UG/L
BROMOFORM	32104	5U	UG/L		UG/L
1,1,2,2-TETRACHLOROETHANE	34516	5U	UG/L		UG/L
TETRACHLOROETHENE	34475	5U	UG/L		UG/L
TOLUENE	34010	5U	UG/L		UG/L
CHLOROBENZENE	34301	5U	UG/L		UG/L
ETHYL BENZENE	34371	5U	UG/L		UG/L
M-XYLENE		5U	UG/L		UG/L
O&P-XYLENE (MIXED)		5U	UG/L		UG/L

- NOTES: 1) J-ESTIMATED VALUE  
 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 4) M-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
     THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

- 6) A-AVERAGE VALUE  
 7) NA-COMPOND NOT ANALYZED FOR.

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DATE: 05/21

PURGEABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
WATER

EPA-SA GIN. IV  
ATHENS, GA

PROJECT #: H2-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE

STATE: TN

STATION: LN-05-W OIL SEPARATOR

SAMPLE TYPE: INDEF

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SAU NO.: H2C1436

SAMPLE START(DATE &amp; TIME): 05/19/82 1020

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

CHEMIST: R.W. Lov. Jr. COMPLETED 6-4-82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
DICHLORODIFLUOROMETHANE	34668	NA	UG/L	*	UG/L
TRICHLOROFLUOROMETHANE	34488	NA	UG/L	*	UG/L
ACROLEIN	34210	NA	UG/L	*	UG/L
ACRYLONITRILE	34215	NA	UG/L	*	UG/L
CHLOROMETHANE	34418	SU	UG/L	*	UG/L
BROMOMETHANE	34613	SU	UG/L	*	UG/L
VINYL CHLORIDE	39175	SU	UG/L	*	UG/L
CHLOROETHANE	34311	SU	UG/L	*	UG/L
METHYLENE CHLORIDE	34423	SU	UG/L	*	UG/L
1,1-DICHLOROETHYLENE	34501	SU	UG/L	*	UG/L
1,1-DICHLOROETHANE	34496	16	UG/L	*	UG/L
TRANS-1,2-DICHLOROETHENE	34546	SU	UG/L	*	UG/L
CHLOROFORM	32106	3J	UG/L	*	UG/L
1,2-DICHLOROETHANE	32103	SU	UG/L	*	UG/L
1,1,1-TRICHLOROETHANE	34506	50	UG/L	*	UG/L
CARBON TETRACHLORIDE	32102	SU	UG/L	*	UG/L
BROMODICHLOROMETHANE	32101	SU	UG/L	*	UG/L
1,2-DICHLOROPROPANE	34541	SU	UG/L	*	UG/L
TRANS-1,3-DICHLOROPROPENE	34699	SU	UG/L	*	UG/L
TRICHLOROETHENE	39180	SU	UG/L	*	UG/L
BENZENE	34030	SU	UG/L	*	UG/L
DIBROMOCHLOROMETHANE	34306	SU	UG/L	*	UG/L
1,1,2-TRICHLOROETHANE	34511	SU	UG/L	*	UG/L
CIS-1,3-DICHLOROPROPENE	34704	SU	UG/L	*	UG/L
1-CHLOROETHYL VINYL ETHER	34576	SU	UG/L	*	UG/L
BROMOFORM	32104	SU	UG/L	*	UG/L
1,1,2,2-TETRACHLOROETHANE	34516	SU	UG/L	*	UG/L
TETRACHLOROETHENE	34475	SU	UG/L	*	UG/L
TOLUENE	34010	SU	UG/L	*	UG/L
CHLORDBENZENE	34301	SU	UG/L	*	UG/L
ETHYL BENZENE	34371	SU	UG/L	*	UG/L
M-XYLENE		SU	UG/L	*	UG/L
O&P-XYLENE (MIXED)		SU	UG/L	*	UG/L

NOTES: 1) J-ESTIMATED VALUE

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

6) A-AVERAGE VALUE

7) NA-COMPOND NOT ANALYZED FOR.

2.80172

## SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

EPA-ESD REGISTRY

ATHENS, GEORGIA

12/15/82

## PURGEABLE ORGANICS ANALYSIS DATA REPORTING SHEET

WATER

SAMPLE NO.: 82C2833 SAMPLE TYPE: AMBWA

RESULTS UNITS COMPOUND STORES

100U	UG/L	ACROLEIN	34210
100U	UG/L	ACRYLONITRILE	34215
100U	UG/L	CHLOROMETHANE	34418
100U	UG/L	BROMOMETHANE	34413
100U	UG/L	VINYLCHLORIDE	39413
100U	UG/L	CHLOROETHANE	394175
100U	UG/L	METHYLENE CHLORIDE	34423
100U	UG/L	1,1-DICHLOROETHENE	34501
100U	UG/L	1,1-DICHLOROETHANE	34446
100U	UG/L	TRANS-1,2-DICHLOROETHENE	34546
100U	UG/L	CHLOROFORM	32106
100U	UG/L	1,2-DICHLOROETHANE	34423
100U	UG/L	1,1-TRICHLOROETHANE	34506
100U	UG/L	CAPROK RETRAZOLIDE	32102
100U	UG/L	BROMODICHLOROETHANE	34501
100U	UG/L	1,2-DICHLOROPROPANE	34541
100U	UG/L	TRANS-1,3-DICHLOROPROPENE	34549
100U	UG/L	TRICHLOROETHENE	34480
100U	UG/L	BENZENE	34030
100U	UG/L	DICHLOROMETHANE	34306
100U	UG/L	1,1,2-TRICHLOROETHANE	34511
100U	UG/L	1,1,2,2-TETRACHLOROETHANE	34704
100U	UG/L	1,1,2,3,3-PENTACHLOROPROPENE	34576
100U	UG/L	2-CHLOROETHYL VINYL ETHER	342104
100U	UG/L	BRACHLOROFORM	34516
100U	UG/L	1,1,2,2-TETRACHLOROETHANE	34475
100U	UG/L	TETRAENE	34010
100U	UG/L	CHLOROBENZENE	34371
NA	UG/L	M-XYLENE	34475
NA	UG/L	o-XYLENE (MIXED)	34371

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*AVERAGE VALUE \*N/A=NOT ANALYZED \*N/A=INTERFERENCES  
 \*J=ESTIMATED VALUE \*N/A=RESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM DETECTION LIMIT.

SAMPLE LOG VERIFIED BY: DLC SAMPLE DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*

DATE: 05/27/

PURGEABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
WATER

EPA-SAO (I.IV)  
ATHENS, GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED (DATE &amp; TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE START (DATE &amp; TIME): 05/18/82 1500

CITY: NASHVILLE

STATE: TN

SAMPLE STOP (DATE &amp; TIME): 00/00/00 0

STATION: S-7/W SPRING 7

SAD NO.: 82C1434

CHEMIST: E.W. Loy, Jr. COMPLETED 6-4-82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
DICHLORODIFLUOROMETHANE	34668	NA	UG/L	*	UG/L
TRICHLOROFLUOROMETHANE	34448	NA	UG/L	*	UG/L
ACROLEIN	34210	NA	UG/L	*	UG/L
ACRYLONITRILE	34215	NA	UG/L	*	UG/L
CHLOROMETHANE	34418	SU	UG/L	*	UG/L
BROMOMETHANE	34413	SU	UG/L	*	UG/L
VINYL CHLORIDE	39175	SU	UG/L	*	UG/L
CHLOROETHANE	34311	SU	UG/L	*	UG/L
METHYLENE CHLORIDE	34423	SU	UG/L	*	UG/L
1,1-DICHLOROETHYLENE	34501	SU	UG/L	*	UG/L
1,1-DICHLOROETHANE	34496	ZJ	UG/L	*	UG/L
TRANS-1,2-DICHLOROETHENE	34546	SU	UG/L	*	UG/L
CHLOROFORM	32106	0.5J	UG/L	*	UG/L
1,2-DICHLOROETHANE	32103	SU	UG/L	*	UG/L
1,1,1-TRICHLOROETHANE	34506	SU	UG/L	*	UG/L
CARBON TETRACHLORIDE	32102	SU	UG/L	*	UG/L
BROMODICHLOROMETHANE	32101	SU	UG/L	*	UG/L
1,2-DICHLOROPROPANE	34541	SU	UG/L	*	UG/L
TRANS-1,3-DICHLOROPROPENE	34699	SU	UG/L	*	UG/L
TRICHLOROETHENE	39180	SU	UG/L	*	UG/L
BENZENE	34030	SU	UG/L	*	UG/L
DIBROMOCHLOROMETHANE	34306	SU	UG/L	*	UG/L
1,1,2-TRICHLOROETHANE	34511	SU	UG/L	*	UG/L
CIS-1,3-DICHLOROPROPENE	34704	SU	UG/L	*	UG/L
1-CHLOROETHYL VINYL ETHER	34576	SU	UG/L	*	UG/L
BRUMOFORM	32104	SU	UG/L	*	UG/L
1,1,2,2-TETRACHLOROETHANE	34516	SU	UG/L	*	UG/L
TETRACHLOROETHENE	34475	SU	UG/L	*	UG/L
TOLUENE	34010	SU	UG/L	*	UG/L
CHLOROBENZENE	34301	ZJ	UG/L	*	UG/L
ETHYL BENZENE	34371	SU	UG/L	*	UG/L
M-XYLENE		SU	UG/L	*	UG/L
N&P-XYLENE (MIXED)		SU	UG/L	*	UG/L

NOTES: 1) J-ESTIMATED VALUE

6) A-AVERAGE VALUE

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

7) NA-COMPONENT NOT ANALYZED FOR.

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

7

CO

01/14

DATE: 05/27/

PURGEABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
WATER

EPA-SAU N.IV  
ATHENS, GA

PROJECT #: H2-131 PROG ELEMENT #: NSF

SOURCE: SAU SITE

CITY: NASHVILLE

STATE: TN

STATION: 5-6.1/W SPRING 6.1

SAMPLE TYPE: AMBWA

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SAU NO.: 82C1433 \*

SAMPLE START(DATE &amp; TIME): 05/18/82 1435

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

CHEMIST: E.W. Loy, Jr. COMPLETED 6-4-82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
DICHLORODIFLUOROMETHANE	34668	NA	UG/L	*	UG/L
TRICHLOROFLUOROMETHANE	34488	NA	UG/L	*	UG/L
ACROLEIN	34210	NA	UG/L	*	UG/L
ACRYLONITRILE	34215	NA	UG/L	*	UG/L
CHLOROMETHANE	34418	SU	UG/L	*	UG/L
BROMOMETHANE	34413	SU	UG/L	*	UG/L
VINYL CHLORIDE	39175	SU	UG/L	*	UG/L
CHLOROETHANE	34311	SU	UG/L	*	UG/L
METHYLENE CHLORIDE	34423	SU	UG/L	*	UG/L
1,1-DICHLOROETHYLENE	34501	SU	UG/L	*	UG/L
1,1-DICHLOROETHANE	34496	22	UG/L	*	UG/L
TRANS-1,2-DICHLOROETHENE	34546	3J	UG/L	*	UG/L
CHLOROFORM	32106	SU	UG/L	*	UG/L
1,2-DICHLOROETHANE	32103	SU	UG/L	*	UG/L
1,1,1-TRICHLOROETHANE	34506	3J	UG/L	*	UG/L
CARBON TETRACHLORIDE	32102	SU	UG/L	*	UG/L
BROMODICHLOROMETHANE	32101	SU	UG/L	*	UG/L
1,2-DICHLOROPROPANE	34541	SU	UG/L	*	UG/L
TRANS-1,3-DICHLOROPROPENE	34699	SU	UG/L	*	UG/L
TRICHLOROETHENE	39180	Q6 J	UG/L	*	UG/L
BENZENE	34030	SU	UG/L	*	UG/L
1,1,2-TRICHLOROMETHANE	34306	SU	UG/L	*	UG/L
CIS-1,3-DICHLOROPROPENE	34511	SU	UG/L	*	UG/L
1-CHLOROETHYL VINYL ETHER	34704	SU	UG/L	*	UG/L
PROMOFORM	34576	SU	UG/L	*	UG/L
1,1,2,2-TETRACHLOROETHANE	32104	SU	UG/L	*	UG/L
TETRACHLOROETHENE	34516	SU	UG/L	*	UG/L
TOLUENE	34475	SU	UG/L	*	UG/L
CHLOROBENZENE	34010	SU	UG/L	*	UG/L
ETHYL BENZENE	34301	SU	UG/L	*	UG/L
M-XYLENE	34371	SU	UG/L	*	UG/L
O&P-XYLENE (MIXED)		SU	UG/L	*	UG/L

- NOTES: 1) J-ESTIMATED VALUE  
 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
 THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

- 6) A-AVERAGE VALUE  
 7) NA-COMPOND NOT ANALYZED FOR.  
 \* Holding time exceeded

0175

DATE: 05/21/82

PROJECT #: H2-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE

STATE: TN

STATION: 5-2/W SPRING S-2

PURGEABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
WATER

EPA-SAC JN. IV  
ATHENS, GA

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SAMPLE START(DATE &amp; TIME): 05/18/82 1315

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

CHEMIST: E.H. Joy, Jr. COMPLETED 6-4-82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
DICHLORODIFLUOROMETHANE	34668	NA	UG/L		UG/L
TRICHLOROFLUOROMETHANE	34488	NA	UG/L		UG/L
ACROLEIN	34210	NA	UG/L		UG/L
ACRYLONITRILE	34215	NA	UG/L		UG/L
CHLOROMETHANE	34418	SD	UG/L		UG/L
BROMOMETHANE	34413	SD	UG/L		UG/L
VINYL CHLORIDE	39175	SD	UG/L		UG/L
CHLOROETHANE	34311	SD	UG/L		UG/L
METHYLENE CHLORIDE	34423	SD	UG/L		UG/L
1,1-DICHLOROETHYLENE	34501	SD	UG/L		UG/L
1,1-DICHLOROETHANE	34496	SD	UG/L		UG/L
TRANS-1,2-DICHLOROETHENE	34546	SD	UG/L		UG/L
CHLOROFORM	32106	SD	UG/L		UG/L
1,2-DICHLOROETHANE	32103	SD	UG/L		UG/L
1,1,1-TRICHLOROETHANE	34506	SD	UG/L		UG/L
CARBON TETRACHLORIDE	32102	SD	UG/L		UG/L
BROMODICHLOROMETHANE	32101	SD	UG/L		UG/L
1,2-DICHLOROPROPANE	34541	SD	UG/L		UG/L
TRANS-1,3-DICHLOROPROPENE	34699	SD	UG/L		UG/L
TRICHLOROETHENE	39180	SD	UG/L		UG/L
BENZENE	34030	SD	UG/L		UG/L
DIABROMOCHLOROMETHANE	34306	SD	UG/L		UG/L
1,1,2-TRICHLOROETHANE	34511	SD	UG/L		UG/L
CIS-1,3-DICHLOROPROPENE	34704	SD	UG/L		UG/L
1-CHLOROETHYL VINYL ETHER	34576	SD	UG/L		UG/L
BROMOFORM	32104	SD	UG/L		UG/L
1,1,2,2-TETRACHLOROETHANE	34516	SD	UG/L		UG/L
TETRACHLOROETHENE	34475	SD	UG/L		UG/L
TOLUENE	34010	SD	UG/L		UG/L
CHLOROBENZENE	34301	SD	UG/L		UG/L
ETHYL BENZENE	34371	SD	UG/L		UG/L
M-XYLENE		SD	UG/L		UG/L
O&P-XYLENE(MIXED)		SD	UG/L		UG/L

NOTES: 1) J-ESTIMATED VALUE

- 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.
- 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.
- 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
THE NUMBER IS THE MINIMUM DETECTION LIMIT.
- 5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

2) A-AVERAGE VALUE

3) NA-COMPONENT NOT ANALYZED FOR.

01/6

DATE: 05/27/82

PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
WATER

EPA-SAU.V.4.4.IV  
ATHENS, GA

PROJECT #: A2-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE STATE: TN

STATION: S-3.1/W SPRING S-3

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SAMPLE TYPE: AMBWA

SAMPLE START(DATE &amp; TIME): 05/18/82 1340

SAC NO.: 82C1431

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

CHEMIST: E.W. Joy, Jr. COMPLETED 6-4-82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
DICHLOROFLUOROMETHANE	34668	NA	UG/L	*	UG/L
TRICHLOROFLUOROMETHANE	34488	NA	UG/L	*	UG/L
ACROLEIN	34210	NA	UG/L	*	UG/L
ACRYLONITRILE	34215	NA	UG/L	*	UG/L
CHLOROMETHANE	34418	5U	UG/L	*	UG/L
BROMOMETHANE	34413	5U	UG/L	*	UG/L
VINYL CHLORIDE	39175	5U	UG/L	*	UG/L
CHLOROETHANE	34311	5U	UG/L	*	UG/L
METHYLENE CHLORIDE	34423	5U	UG/L	*	UG/L
1,1-DICHLOROETHYLENE	34501	5U	UG/L	*	UG/L
1,1-DICHLOROETHANE	34496	5U	UG/L	*	UG/L
TRANS-1,2-DICHLOROETHENE	34546	5U	UG/L	*	UG/L
CHLOROFORM	32106	0.8J	UG/L	*	UG/L
1,2-DICHLOROETHANE	32103	5U	UG/L	*	UG/L
1,1,1-TRICHLOROETHANE	34506	5U	UG/L	*	UG/L
CARBON TETRACHLORIDE	32102	5U	UG/L	*	UG/L
BROMODICHLOROMETHANE	32101	5U	UG/L	*	UG/L
1,2-DICHLOROPROPANE	34541	5U	UG/L	*	UG/L
TRANS-1,3-DICHLOROPROPENE	34699	5U	UG/L	*	UG/L
TRICHLOROETHENE	39180	5U	UG/L	*	UG/L
BENZENE	34030	5U	UG/L	*	UG/L
DIBROMOCHLOROMETHANE	34306	5U	UG/L	*	UG/L
1,1,2-TRICHLOROETHANE	34511	5U	UG/L	*	UG/L
CIS-1,3-DICHLOROPROPENE	34704	5U	UG/L	*	UG/L
1-CHLOROETHYL VINYL ETHER	34576	5U	UG/L	*	UG/L
BROMOFORM	32104	5U	UG/L	*	UG/L
1,1,2,2-TETRACHLOROETHANE	34516	5U	UG/L	*	UG/L
TETRACHLOROETHENE	34475	5U	UG/L	*	UG/L
TOLUENE	34010	5U	UG/L	*	UG/L
CHLOROBENZENE	34301	5U	UG/L	*	UG/L
ETHYL BENZENE	34371	5U	UG/L	*	UG/L
M-XYLENE		5U	UG/L	*	UG/L
O&P-XYLENE (MIXED)		5U	UG/L	*	UG/L

- NOTES: 1) J-ESTIMATED VALUE  
 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
 THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

- 6) A-AVERAGE VALUE  
 7) NA-COMPOND NOT ANALYZED FOR.

7/1/01

DATE: 05/27

PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
WATER

EPA-SAU, LGN. IV  
ATHENS, GA

PROJECT #: H2-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED (DATE &amp; TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE START (DATE &amp; TIME): 05/18/82 1405

CITY: NASHVILLE

STATE: TN

SAMPLE STOP (DATE &amp; TIME): 00/00/00 0

STATION: SP4-S/W SPRINGS 4/S

SAD NO.: H2C1432 \*

CHEMIST: E.W. JOY, JR. COMPLETED 6-4-82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
DICHLORODIFLUOROMETHANE	34668	NA	UG/L	*	UG/L
TRICHLOROFLUOROMETHANE	34488	NA	UG/L	*	UG/L
ACROLEIN	34210	NA	UG/L	*	UG/L
ACRYLONITRILE	34215	NA	UG/L	*	UG/L
CHLOROMETHANE	34418	5U	UG/L	*	UG/L
BROMOMETHANE	34413	5U	UG/L	*	UG/L
VINYL CHLORIDE	39175	5U	UG/L	*	UG/L
CHLOROETHANE	34311	5U	UG/L	*	UG/L
METHYLENE CHLORIDE	34423	5U	UG/L	*	UG/L
1,1-DICHLOROETHYLENE	34501	5U	UG/L	*	UG/L
1,1-DICHLOROETHANE	34496	5U	UG/L	*	UG/L
TRANS-1,2-DICHLOROETHENE	34546	5U	UG/L	*	UG/L
CHLOROFORM	32106	0.5J	UG/L	*	UG/L
1,2-DICHLOROETHANE	32103	5U	UG/L	*	UG/L
1,1,1-TRICHLOROETHANE	34506	5U	UG/L	*	UG/L
CARBON TETRACHLORIDE	32102	5U	UG/L	*	UG/L
BROMODICHLOROMETHANE	32101	5U	UG/L	*	UG/L
1,2-DICHLOROPROPANE	34541	5U	UG/L	*	UG/L
TRANS-1,3-DICHLOROPROPENE	34649	5U	UG/L	*	UG/L
TRICHLOROETHENE	39180	5U	UG/L	*	UG/L
BENZENE	34030	NA	UG/L	*	UG/L
DI(BROMOCHLOROMETHANE)	34306	5U	UG/L	*	UG/L
1,1,2-TRICHLOROETHANE	34511	5U	UG/L	*	UG/L
CIS-1,3-DICHLOROPROPENE	34704	5U	UG/L	*	UG/L
1-CHLOROETHYL VINYL ETHER	34576	5U	UG/L	*	UG/L
BROMOFORM	32104	5U	UG/L	*	UG/L
1,1,2,2-TETRACHLOROETHANE	34516	5U	UG/L	*	UG/L
TETRACHLOROETHENE	34475	0.9J	UG/L	*	UG/L
TOLUENE	34010	NA	UG/L	*	UG/L
CHLOROBENZENE	34301	NA	UG/L	*	UG/L
ETHYL BENZENE	34371	NA	UG/L	*	UG/L
M-XYLENE		NA	UG/L	*	UG/L
O&P-XYLENE (MIXED)		NA	UG/L	*	UG/L

- NOTES: 1) J-ESTIMATED VALUE  
 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
 THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

- 6) A-AVERAGE VALUE  
 7) NA-COMPONENT NOT ANALYZED FOR.  
 \* Acid preserved sample lost during analysis.

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01/88

DATE: 05/21/82

PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
WATER

EPA-SALIGN. IV  
ATHENS, GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SOURCE: SANU SITE

CITY: NASHVILLE

STATE: TN

STATION: T-2/W INU. AREA CREEK

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SAMPLE TYPE: AMBWA

SAMPLE START(DATE &amp; TIME): 05/18/82 1250

SAD NO.: H2C1429

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

CHEMIST: E.W. Loy, Jr. COMPLETED 6/4/82

COMPOUND	STORETH	UNITS	COMPOUND	STORETH	UNITS
DICHLORODIFLUOROMETHANE	34668	NA	UG/L		UG/L
TRICHLOROFLUOROMETHANE	34488	NA	UG/L		UG/L
ACROLEIN	34210	NA	UG/L		UG/L
ACRYLONITRILE	34215	NA	UG/L		UG/L
CHLOROMETHANE	34418	SU	UG/L		UG/L
BROMOMETHANE	34413	SU	UG/L		UG/L
VINYL CHLORIDE	34175	SU	UG/L		UG/L
CHLOROETHANE	34311	SU	UG/L		UG/L
METHYLENE CHLORIDE	34423	SU	UG/L		UG/L
1,1-DICHLOROETHYLENE	34501	SU	UG/L		UG/L
1,1-DICHLOROETHANE	34496	2J	UG/L		UG/L
TRANS-1,2-DICHLOROETHENE	34546	0.9J	UG/L		UG/L
CHLOROFORM	32106	0.6J	UG/L		UG/L
1,2-DICHLOROETHANE	32103	SU	UG/L		UG/L
1,1,1-TRICHLOROETHANE	34506	SJ	UG/L		UG/L
CARBON TETRACHLORIDE	32102	SU	UG/L		UG/L
BROMODICHLOROMETHANE	32101	SU	UG/L		UG/L
1,2-DICHLOROPROPANE	34541	SU	UG/L		UG/L
TRANS-1,3-DICHLOROPROPENE	34699	SU	UG/L		UG/L
TRICHLOROETHENE	39180	JJ	UG/L		UG/L
BENZENE	34030	SU	UG/L		UG/L
1-BROMOCHLOROMETHANE	34306	SU	UG/L		UG/L
1,1,2-TRICHLOROETHANE	34511	SU	UG/L		UG/L
(CIS-1,3-DICHLOROPROPENE	34704	SU	UG/L		UG/L
1-CHLOROETHYL VINYL ETHER	34576	SU	UG/L		UG/L
CHLOROFORM	32104	SU	UG/L		UG/L
1,1,2,2-TETRACHLOROETHANE	34516	SU	UG/L		UG/L
TETRACHLOROETHENE	34475	12	UG/L		UG/L
TOLUENE	34010	SU	UG/L		UG/L
CHLOROBENZENE	34301	SU	UG/L		UG/L
ETHYL BENZENE	34371	SU	UG/L		UG/L
M-XYLENE		SU	UG/L		UG/L
O&P-XYLENE (MIXED)		SU	UG/L		UG/L

- NOTES: 1) J-ESTIMATED VALUE  
 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
 THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL.

- 6) A-AVERAGE VALUE  
 7) NA-COMPOND NOT ANALYZED FOR.

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DATE: 05/21/82

PURGEABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
WATER

EPA-S. RGN.IV  
ATHENS, GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE

STATE: TN

STATION: BC/W BELOW CONFLUENCE

SAMPLE TYPE: INDEF

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SAMPLE START(DATE &amp; TIME): 05/18/82 1120

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

SAAD NO.: 82C1428

CHEMIST: E.W. Loy, Jr. COMPLETED 6-4-82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
DICHLORODIFLUOROMETHANE	34668	NA	UG/L		UG/L
TRICHLOROFUOROMETHANE	34488	NA	UG/L		UG/L
ACROLEIN	34210	NA	UG/L		UG/L
ACRYLONITRILE	34215	NA	UG/L		UG/L
CHLOROMETHANE	34418	5U	UG/L		UG/L
BROMOMETHANE	34413	5U	UG/L		UG/L
VINYL CHLORIDE	39175	5U	UG/L		UG/L
CHLOROETHANE	34311	5U	UG/L		UG/L
METHYLENE CHLORIDE	34423	5U	UG/L		UG/L
1,1-DICHLOROETHYLENE	34501	5U	UG/L		UG/L
1,1-DICHLOROETHANE	34496	2J	UG/L		UG/L
TRANS-1,2-DICHLOROETHENE	34546	5U	UG/L		UG/L
CHLOROFORM	32106	0.5J	UG/L		UG/L
1,2-DICHLOROETHANE	32103	5U	UG/L		UG/L
1,1,1-TRICHLOROETHANE	34506	2J	UG/L		UG/L
CARBON TETRACHLORIDE	32102	5U	UG/L		UG/L
BROMOCHLOROMETHANE	32101	5U	UG/L		UG/L
1,2-DICHLOROPROPANE	34541	5U	UG/L		UG/L
TRANS-1,3-DICHLOROPROPENE	34699	5U	UG/L		UG/L
TRICHLOROETHENE	39180	0.7J	UG/L		UG/L
BENZENE	34030	5U	UG/L		UG/L
DIBROMOCHLOROMETHANE	34306	5U	UG/L		UG/L
1,1,2-TRICHLOROETHANE	34511	5U	UG/L		UG/L
CIS-1,3-DICHLOROPROPENE	34704	5U	UG/L		UG/L
1-CHLOROETHYL VINYL ETHER	34576	5U	UG/L		UG/L
BROMOFORM	32104	5U	UG/L		UG/L
1,1,2,2-TETRACHLOROETHANE	34516	5U	UG/L		UG/L
TETRACHLOROETHENE	34475	9	UG/L		UG/L
TOLUENE	34010	5U	UG/L		UG/L
CHLOROBENZENE	34301	5U	UG/L		UG/L
ETHYL BENZENE	34371	5U	UG/L		UG/L
M-XYLENE		5U	UG/L		UG/L
O&P-XYLENE (MIXED)		5U	UG/L		UG/L

NOTES: 1) J-ESTIMATED VALUE

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

6) A-AVERAGE VALUE

7) NA-COMPOND NOT ANALYZED FOR.

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PROJECT #: R2-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE

STATE: TN

STATION: LN-DL-5 2 DEGREES DRAINAGE

EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET

SEIUMENT/SOIL/SLUDGE(DRY WT)

SAMPLE RECEIVED DATE & TIME: 05/19/82 1130  
SAMPLE STOP DATE & TIME: 06/00/00 00

SAD NO.: 82C1446 CHEMIST: E.W. LEVY JR. COMPLETED 6-28-82

COMPOUND	SIOURE #	UNITS	COMPOUND	SIOURE #	UNITS
N-NITROSODIMETHYLAMINE	34441	UG/KG	BENZO(A)ANTHRACENE	34529	46,000U UG/KG
1,2-DI- <sup>a</sup> PHENYLHYDRAZINE	/8	NA	CHRYSENE	34323	4,600J UG/KG
MENZIUMINE	34121	UG/KG	3,3'-DICHLOROBENZIDINE	34634	46,000U UG/KG
1,3-DICHLOROBENZENE	34569	UG/KG	DI- <sup>a</sup> -OCTYLPHthalate	34599	46,000U UG/KG
1,4-DICHLOROBENZENE	34574	UG/KG	BENZO(B)FLUORANTHENE	34233	46,000U UG/KG
1,2-DICHLOROBENZENE	34539	UG/KG	BENZO(K)FLUORANTHENE	34245	46,000U UG/KG
RIS(2-CHLOROETHYL) ETHER	34276	UG/KG	BENZO-A-PYRENE	34250	46,000U UG/KG
MEXACHLOROBUTADIENE	34399	UG/KG	INDENO (1,2,3-CD) PYREN	34406	46,000U UG/KG
BIS(2-CHLOROPROPYL) ETHER	34286	UG/KG	DIBENZO(A,H)ANTHRACENE	34559	46,000U UG/KG
N-NITROSODIMETHYLAMINE	34431	UG/KG	BENZU(GLU)PERYLENE	34524	46,000U UG/KG
NITROBENZENE	34450	UG/KG	2-CHLOROPHENOL	34589	46,000U UG/KG
MEXACHLOROBUTADIENE	34705	UG/KG	2-NITROPHENOL	34594	46,000U UG/KG
1,2,4-TRICHLOROBENZENE	34554	UG/KG	PHENOL	34695	46,000U UG/KG
MAPPHALENE	34445	UG/KG	2- <sup>a</sup> 4-DIMETHYLPHENOL	34609	46,000U UG/KG
BIS(2-CHLOROETHoxy) METHANE	34281	UG/KG	2- <sup>a</sup> 4-DICHLOROPHENOL	34604	46,000U UG/KG
ISOPHORONE	34411	UG/KG	2- <sup>a</sup> 4,6-TRICHLOROPHENOL	34624	46,000U UG/KG
HEXACHLOROCYCLOPENTADIENE (HCPC)	34399	UG/KG	4-CHLORO-3-METHYLPHENOL	34455	46,000U UG/KG
2-CHLOROBUTADIENE	34584	UG/KG	2- <sup>a</sup> 4-DINITROPHENOL	34619	140,000U UG/KG
ACENAPHTHYLENE	34203	UG/KG	2-M- <sup>a</sup> THYL-4- <sup>a</sup> 6-DINITROPHENOL	34660	140,000U UG/KG
ACENAPHTHENE	34208	UG/KG	PENTACHLOROPHENOL	39061	140,000U UG/KG
1,1-DIMETHYLPHthalate	34334	UG/KG	4-NITROPHENOL	34649	92,000U UG/KG
2,4-DIMETHYLBUTADIENE	34614	UG/KG	% MOISTURE	70320	25
2,6-DIMETHYBUTENE	34629	UG/KG			
4-CHLOROPHENYL PHENYL ETHER	34644	UG/KG			
FLUORENE	34384	UG/KG	C <sub>2</sub> alkylstyrene		UG/KG
DIETHYL PHthalate	34339	UG/KG	C <sub>2</sub> alkylstylene (3 isomers)		UG/KG
N-NITROSODIMETHYLAMINE	/9	UG/KG	methylnaphthalene (2 isomers)		UG/KG
MEXACHLOROBENZENE (MCB)	34436	UG/KG	C <sub>2</sub> alkylnaphthalene (5 isomers)		UG/KG
4-BROMOPHENYL PHENYL ETHER	34639	UG/KG	C <sub>2</sub> alkylnaphthalene (7 isomers)		UG/KG
PHENANTHRENE	34464	UG/KG	C <sub>3</sub> alkylnaphthalene (4 isomers)		UG/KG
ANTHRACENE	34223	UG/KG	dimethyltetrahydronaphthalene (2 isomers)		UG/KG
DI-N-BUTYLPHthalate	34112	UG/KG	methylbiphenyl (2 isomers)		UG/KG
FLUORANTHENE	34379	UG/KG	C <sub>3</sub> alkylbiphenyl (5 isomers)		UG/KG
PYRROLE	34472	UG/KG	metoxyfluorene (2 isomers)		UG/KG
BENZYL-BUTYL PHthalate	34295	UG/KG	C <sub>3</sub> alkylfluorene (4 isomers)		UG/KG
HIS(2-ETHYLHEXYL) PHthalate	34102	UG/KG	dibenzothiophene		UG/KG

NOTES: 1) J-ESTIMATED VALUE

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

3) I-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) NA-COMPUND NOT ANALYZED FOR.

6) N-PMT SUPPLEMENTIVE EVIDENCE OF PRESENCE OF MATERIAL

7) AVERAGE VALUE

8) AND/OR AZOGENE

9) AND/OR UPHENYLAMINE

10) BENZO(B)FLUORANTHENE AND/OR BENZO(K)FLUORANTHENE

DATE: 05/2 2

PROJECT #: H2-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE

STATE: TN

STATION: LN-DL-S 2 DEGREES DRAINAGE

**EXTRACTABLE OR IC ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)**

SAMPLE TYPE: INDSL

SAU NO.: 82C1446

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644

EPA-1 RGN. IV  
ATHENS, GA

SAMPLE START(DATE & TIME):05/19/82 1130

SAMPLE STOP(DATE & TIME): 00/00/00 00

CHEMIST: E.W. Loy, Jr. COMPLETED 6-28-8

CHEMIST: E.W. Loy, Jr. COMPLETED 6-28-82

**COMPOUND  
HIS(2-ETHYLHEXYL) PHTHALATE**

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NOTES: 1) J-ESTIMATED VALUE  
2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
4) M-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
5) N-COMPOUND NOT ANALYZED FOR.

- 6) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- 7) A-AVERAGE VALUE
- 8) AND/OR AZURENZONE
- 9) AND/OR DIPHENYLAMINE
- 10) BENZO(B)FLUORANTHENE AND/OR BENZO(K)FLUORANTHENE

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DATE: 05/27/

EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

EPA-SA GN.IV  
ATHENS, GA

PROJECT #: A2-131 PROG ELEMENT #: NSF

SOURCE: SAU SITE

CITY: NASHVILLE

STATE: TN

STATION: LN-05-5 OIL SEPARATOR

SAMPLE TYPE: INDSL

SAU NO.: B2C1445

SAMPLE RECEIVED (DATE &amp; TIME): 05/21/82 1644

SAMPLE START (DATE &amp; TIME): 05/19/82 1020

SAMPLE STOP (DATE &amp; TIME): 06/00/00 0

CHEMIST: E.W. LOY, JR. COMPLETED 6-28-82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
N-NITROSODIMETHYLAMINE	34461	NA UG/KG	BENZO(A)ANTHRACENE	34529	2,000J UG/KG
1,2-DIPHENYLHYDRAZINE	34349	NA UG/KG	CHRYSENE	34323	2,000J UG/KG
BENZIDINE	39121	NA UG/KG	3,3'-DICHLOOROBENZIDINE	34634	20,000U UG/KG
1,3-DICHLOROBENZENE	34569	20,000U UG/KG	DI-N-OCTYLPHthalATE	34599	20,000U UG/KG
1,4-DICHLOROBENZENE	34574	20,000U UG/KG	BENZO(B)FLUORANTHENE /10	34233	2,000J UG/KG
1,2-DICHLOROBENZENE	34539	20,000U UG/KG	BENZO(K)FLUORANTHENE /10	34245	2,000J UG/KG
BIS(2-CHLOROETHYL) ETHER	34276	20,000U UG/KG	BENZO-A-PYRENE	34250	20,000U UG/KG
HEXACHLOROETHANE	34399	20,000U UG/KG	INDENO (1,2,3-CD) PYRENE	34406	20,000U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	34286	20,000U UG/KG	UBENZO(A,H)ANTHRACENE	34559	20,000U UG/KG
N-NITROSODI-N-PROPYLAMINE	34431	20,000U UG/KG	BENZO(GH)PERYLENE	34524	20,000U UG/KG
NITROBENZENE	34450	20,000U UG/KG	2-CHLOROPHENOL	34589	20,000U UG/KG
HEXAChLOROBUTADIENE	39705	20,000U UG/KG	2-NITROPHENOL	34594	20,000U UG/KG
1,2,4-TRICHLOROBENZENE	34554	20,000U UG/KG	PHENOL	34695	20,000U UG/KG
NAPHTHALENE	34445	2000J UG/KG	2,4-DIMETHYLPHENOL	34609	20,000U UG/KG
BIS(2-CHLOROETHOXY) METHANE	34281	20,000U UG/KG	2,4-DICHLOROPHENOL	34604	20,000U UG/KG
ISOPHOKUNE	34411	20,000U UG/KG	2,4,6-TRICHLOROPHENOL	34624	20,000U UG/KG
HEXAChLOROCYCLOPENTADIENE (HCPC)	34389	20,000U UG/KG	4-CHLORO-3-METHYLPHENOL	34455	20,000U UG/KG
2-CHLORONAPHTHALENE	34584	20,000U UG/KG	2,4-DINITROPHENOL	34619	62,000U UG/KG
ACENAPHTHYLENE	34203	20,000U UG/KG	2-METHYL-4,6-DINITROPHENOL	34660	62,000U UG/KG
ACENAPHTHENE	34208	20,000U UG/KG	PENTACHLOROPHENOL	39061	62,000U UG/KG
DIMETHYL PHthalATE	34344	20,000U UG/KG	4-NITROPHENOL	34649	41,000U UG/KG
2,4-DINITROTOLUENE	34614	20,000U UG/KG	% MOISTURE	70320	UG/KG
2,6-DINITROTOLUENE	34629	20,000U UG/KG	C <sub>4</sub> alkylbenzene		UG/KG
4-CHLOROPHENYL PHENYL ETHER	34644	20,000U UG/KG	C <sub>5</sub> alkylbenzene (3 isomers)		20,000JN UG/KG
FLUORENE	34384	4500J UG/KG	methyldecahydronaphthalene		20,000JN UG/KG
DIETHYL PHthalATE	34339	20,000U UG/KG	C <sub>6</sub> alkylstyrene (2 isomers)		20,000JN UG/KG
N-NITROSODIPHENYLAMINE	34436	20,000U UG/KG	C <sub>6</sub> alkylstyrene (4 isomers)		26,000JN UG/KG
HEXAChLOROBENZENE (HCB)	39701	20,000U UG/KG	methylnaphthalene		20,000JN UG/KG
4-BROMOPHENYL PHENYL ETHER	34639	20,000U UG/KG	C <sub>7</sub> alkylnaphthalene (3 isomers)		60,000JN UG/KG
PHENANTHRENE	34464	18,000J UG/KG	C <sub>7</sub> alkylnaphthalene (7 isomers)		70,000JN UG/KG
ANTHRACENE	34223	2,000J UG/KG	C <sub>8</sub> alkylnaphthalene (7 isomers)		70,000JN UG/KG
DI-N-HUTYLPHthalATE	39112	20,000U UG/KG	C <sub>9</sub> alkylnaphthalene (2 isomers)		26,000JN UG/KG
FLUORANTHENE	34379	3,400J UG/KG	methylidibenzofuran		20,000JN UG/KG
PYRENE	34472	9,000J UG/KG	methylfluorene		20,000JN UG/KG
BENZYL-BUTYL PHthalATE	34295	20,000U UG/KG			
BIS(2-ETHYLHEXYL) PHthalATE	39102	20,000U UG/KG			

NOTES: 1) J-ESTIMATED VALUE

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) NA-COMPOND NOT ANALYZED FOR.

6) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

7) A-AVERAGE VALUE

8) AND/OR AZOHEXENE

9) AND/OR DIPHENYLAMINE

10) BENZO(B)FLUORANTHENE AND/OR BENZO(K)FLUORANTHENE

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DATE: 05/2 32

PROJECT #: H2-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE

STATION: LN-05-5 OIL SEPARATOR

**EXTRACTABLE OR NIC ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)**

SAMPLE TYPE: INDSL

SAL NO.: 82C1445

SAMPLE RECEIVED (DATE & TIME): 05/21/82 1644

EPA-REGN. IV  
ATHENS, GA

SAMPLE START DATE & TIME: 05/19/82 1020

SAMPLE STOP/DATE & TIME: 00/00/00

[www.silverlining.com](http://www.silverlining.com)

CHEMIST: E.W. Loy, Jr. COMPLETED 6-28-82

COMPOUND  
HIS(2-ETHYLHEXYL) PHTHALATE

NOTES: 1) J-ESTIMATED VALUE

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

3) I-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) NA-COMPOUND NOT ANALYZED FOR.

2) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

### 7) AVERAGE VALUE

81 AND/OR AZOBENZENE

1) AND/OR DIPHENYLAMINE

10) BENZO(B)FLUORANTHENE AND/OR BENZO(K)FLUORANTHENE

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DATE: 06/21/82

PROJECT #: 82-131 PROG ELEMENT #: NSF

SOURCE: SAAD OIL COMPANY

CITY: NASHVILLE STATE: TN

STATION: U5000 STAINED SOIL SAMPLE  
SS-CON-15EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
SEUMENT/SOIL/SLUDGE (DRY WT)EPA-SAO-RG  
ATHENS, GA

SAMPLE TYPE: SOIL

SAMPLE RECEIVED(DATE &amp; TIME): 06/17/82 1515

SAMPLE START(DATE &amp; TIME): 05/19/82 1130

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

CHEMIST: E.W. Loy, Jr. COMPLETED 7-7-82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
4-NITROSOUIMETHYLAMINE	34441	NA	UG/KG	34529	110,000 UG/KG
1,2-DIPHENYLHYDRAZINE	34349	NA	UG/KG	34323	110,000 UG/KG
DENZIUDINE	39121	NA	UG/KG	34634	110,000 UG/KG
1,3-DICHLOROBENZENE	34569	110,000	UG/KG	34599	110,000 UG/KG
1,4-DICHLOROBENZENE	34574	110,000	UG/KG	34233	110,000 UG/KG
1,2-DICHLOROBENZENE	34539	110,000	UG/KG	34245	110,000 UG/KG
BIS(2-CHLOROETHYL) ETHER	34276	110,000	UG/KG	34250	110,000 UG/KG
HEXACHLOROETHANE	34399	110,000	UG/KG	34406	110,000 UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	34286	110,000	UG/KG	34559	110,000 UG/KG
N-NITROSOUDI-N-PROPYLAMINE	34431	110,000	UG/KG	34524	110,000 UG/KG
NITROBENZENE	34450	110,000	UG/KG	34589	110,000 UG/KG
HEXACHLOROBUTADIENE	39705	110,000	UG/KG	34594	110,000 UG/KG
1,2,4-TRICHLOROBENZENE	34554	110,000	UG/KG	34695	110,000 UG/KG
NAPHTHALENE	34445	110,000	UG/KG	34609	110,000 UG/KG
BIS(2-CHLOROETHOXY) METHANE	34281	110,000	UG/KG	34604	110,000 UG/KG
ISOPHORONE	34411	110,000	UG/KG	34624	110,000 UG/KG
HEXACHLOROCYCLOPENTADIENE (HCCP)	34389	110,000	UG/KG	34455	110,000 UG/KG
2-CHLORONAPHTHALENE	34584	110,000	UG/KG	34619	330,000 UG/KG
ACENAPHTHYLENE	34203	110,000	UG/KG	34660	330,000 UG/KG
ACENAPHTHENE	34208	110,000	UG/KG	39061	330,000 UG/KG
DIMETHYL PHTHALATE	34344	110,000	UG/KG	34649	220,000 UG/KG
2,4-DINITROTOLUENE	34614	110,000	UG/KG	70320	14
2,6-DINITROTOLUENE	34629	110,000	UG/KG		UG/KG
4-CHLOROPHENYL PHENYL ETHER	34644	110,000	UG/KG		UG/KG
FLUORENE	34384	110,000	UG/KG		UG/KG
DIETHYL PHTHALATE	34339	110,000	UG/KG		UG/KG
N-NITROSDIPHENYLAMINE /9	34436	110,000	UG/KG		UG/KG
HEXACHLOROBENZENE (HCB)	39701	110,000	UG/KG		UG/KG
4-BROMOPHENYL PHENYL ETHER	34639	110,000	UG/KG		UG/KG
PHENANTHRENE	34464	110,000	UG/KG		UG/KG
ANTHRACENE	34223	110,000	UG/KG		UG/KG
DI-N-BUTYL PHTHALATE	39112	110,000	UG/KG		UG/KG
FLUORANTHENE	34379	110,000	UG/KG		UG/KG
PYRENE	34472	110,000	UG/KG		UG/KG
BENZYL-BUTYL PHTHALATE	34295	110,000	UG/KG		UG/KG
BIS(2-ETHYLHEXYL) PHTHALATE	39102	110,000	UG/KG		UG/KG

NOTES: 1) J-ESTIMATED VALUE  
 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
 THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 5) NA-COMPUND NOT ANALYZED FOR.

- 6) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 7) A-AVERAGE VALUE  
 8) AND/OR AZOBENZENE  
 9) AND/OR DIPHENYLAMINE  
 10) BENZO(B)FLUORANTHENE AND/OR BENZO(K)FLUORANTHENE

0485

DATE: 06/21/82

PROJECT #: 82-131 PROG ELEMENT #: NSF

SOURCE: SAAD OIL COMPANY

CITY: NASHVILLE STATE: TN

STATION: D5001 STANDARD SOIL SAMPLE

EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

EPA-SAU-R IV  
ATHENS, GA

SAMPLE RECEIVED(DATE &amp; TIME): 06/17/82 1515

SAMPLE START(DATE &amp; TIME): 05/19/82 1145

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

CHEMIST: E.W. Loy, Jr. COMPLETED 7-7-82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
1-NITROSOQUIMETHYLAMINE	34441	NA UG/KG	* BENZO(A)ANTHRACENE	34529	110,000U UG/KG
2-DIPHENYLHYDRAZINE	34349	NA UG/KG	* CHRYSENE	34323	110,000U UG/KG
BENZIDINE	39121	NA UG/KG	* 3,3'-DICHLOOROBENZIDINE	34634	110,000U UG/KG
3-DICHLOOROBENZENE	34569	110,000U UG/KG	* DI-N-OCTYLPHTHALATE	34599	110,000U UG/KG
4-DICHLOOROBENZENE	34574	110,000U UG/KG	* BENZO(B)FLUORANTHENE /10	34233	110,000U UG/KG
2-DICHLOOROBENZENE	34539	110,000U UG/KG	* BENZO(K)FLUORANTHENE /10	34245	110,000U UG/KG
BIS(2-CHLOROETHYL) ETHER	34276	110,000U UG/KG	* BENZO-A-PYRENE	34250	110,000U UG/KG
HEXACHLOROETHANE	34399	110,000U UG/KG	* INDENO (1,2,3-CD) PYRENE	34406	110,000U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	34286	110,000U UG/KG	* U-BENZO(A,H)ANTHRACENE	34559	110,000U UG/KG
4-NITROSO-DI-N-PROPYLAMINE	34431	110,000U UG/KG	* BENZO(GHI)PERYLENE	34524	110,000U UG/KG
NITROBENZENE	34450	110,000U UG/KG	* 2-CHLOROPHENOL	34589	110,000U UG/KG
HEXACHLOROBUTADIENE	39705	110,000U UG/KG	* 2-NITROPHENOL	34594	110,000U UG/KG
1,2,4-TRICHLOROBENZENE	34554	110,000U UG/KG	* PHENOL	34695	110,000U UG/KG
NAPHTHALENE	34445	110,000U UG/KG	* 2,4-DIMETHYLPHENOL	34609	110,000U UG/KG
BIS(2-CHLOROETHOXY) METHANE	34281	110,000U UG/KG	* 2,4-DICHLOROPHENOL	34604	110,000U UG/KG
ISOPHORONE	34411	110,000U UG/KG	* 2,4,6-TRICHLOROPHENOL	34624	110,000U UG/KG
HEXACHLOROCYCLOPENTADIENE (HCPC)	34389	110,000U UG/KG	* 4-CHLORO-3-METHYLPHENOL	34455	110,000U UG/KG
2-CHLORONAPHTHALENE	34584	110,000U UG/KG	* 2,4-DINITROPHENOL	34619	340,000U UG/KG
ACENAPHTHYLENE	34203	110,000U UG/KG	* 2-METHYL-4,6-DINITROPHENOL	34660	340,000U UG/KG
ACENAPHTHENE	34208	110,000U UG/KG	* PENTACHLOROPHENOL	39061	340,000U UG/KG
DIMETHYL PHTHALATE	34344	110,000U UG/KG	* 4-NITROPHENOL	34649	340,000U UG/KG
2,4-DINITROTOLUENE	34614	110,000U UG/KG	* % MOISTURE	70320	230,000U
2,6-DINITROTOLUENE	34629	110,000U UG/KG		12	UG/KG
4-CHLOROPHENYL PHENYL ETHER	34644	110,000U UG/KG			UG/KG
FLUORENE	34384	110,000U UG/KG	the chromatogram indicates the presence		UG/KG
DIETHYL PHTHALATE	34339	110,000U UG/KG	of a petroleum type product.		UG/KG
N-NITROSODIPHENYLAMINE /9	34436	110,000U UG/KG			UG/KG
HEXACHLOROBENZENE (HC8)	39701	110,000U UG/KG			UG/KG
4-BROMOPHENYL PHENYL ETHER	34639	110,000U UG/KG			UG/KG
PHENANTHRENE	34464	110,000U UG/KG			UG/KG
ANTHRACENE	34223	110,000U UG/KG			UG/KG
DI-N-BUTYLPHTHALATE	39112	110,000U UG/KG			UG/KG
FLUORANTHENE	34379	110,000U UG/KG			UG/KG
PYRENE	34472	110,000U UG/KG			UG/KG
BENZYL-BUTYL PHTHALATE	34295	110,000U UG/KG			UG/KG
BIS(2-ETHYLHEXYL) PHTHALATE	39102	110,000U UG/KG			UG/KG

NOTES: 1) J-ESTIMATED VALUE  
 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
     THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 5) NA-COMPOND NOT ANALYZED FOR.

- 6) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 7) A-AVERAGE VALUE  
 8) AND/OR AZOBENZENE  
 9) AND/OR DIPHENYLAMINE  
 10) BENZO(B)FLUORANTHENE AND/OR BENZO(K)FLUORANTHENE

DATE: 05/21

PROJECT #: H2-131 PHOG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE

STATE: TN

STATION: S-7/5 SPRING /

**EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)**

EPA-S. RGN-IV  
ATLANTA, GA

SAMPLE TYPE: SEUIM

SAMPLE RECEIVED DATE &amp; TIME: 05/18/82 1500

SAMPLE STOP DATE &amp; TIME: 00/00/00 0

SAD NO.: 82C1444

CHEMIST: E.W. JOYCE COMPLETED 6-28-82

COMPOUND	STORE #	UNITS	COMPOUND	STORE #	UNITS
STOKE #			STOKE #		
N-NITROSODIMETHYLAMINE	34441	-NA- UG/KG	HENZO(A)ANTHRACENE	34529	-59,000U UG/KG
1,2-DIPHENYLYHYDRAZINE	34349	-NA- UG/KG	CHRYSENE	34323	-59,000U UG/KG
BENZIUMINE	39121	-NA- UG/KG	3,3'-DICHLOROBENZIDINE	34634	-59,000U UG/KG
1,3-DICHLOROBENZENE	34569	-59,000U UG/KG	DI-N-OCTYLPHthalate	34599	-59,000U UG/KG
1,4-DICHLOROBENZENE	34574	-59,000U UG/KG	HENZO(B)FLUORANTHENE	34233	-59,000U UG/KG
1,2-DICHLOROBENZENE	34539	-59,000U UG/KG	HENZO(K)FLUORANTHENE	34245	-59,000U UG/KG
BIS(2-CHLOROETHYL) ETHER	34276	-59,000U UG/KG	HENZO-A-PYRENE	34250	-59,000U UG/KG
HEXACHLOROBUTHANE	34399	-59,000U UG/KG	INDENO (1,2,3-CD) PYRENE	34406	-59,000U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	34286	-59,000U UG/KG	UBENZO(A,H)ANTHRACENE	34559	-59,000U UG/KG
NITROBENZENE	34431	-59,000U UG/KG	BENZO(GH)PYRELENE	34524	-59,000U UG/KG
HEXAChLOROBUTAENE	34450	-59,000U UG/KG	2-CHLOROPHENOL	34589	-59,000U UG/KG
1,2,4-TRICHLOROBENZENE	39705	-59,000U UG/KG	2-NITROPHENOL	34594	-59,000U UG/KG
NAPHTHALENE	34554	-59,000U UG/KG	PHENOL	34695	-59,000U UG/KG
BIS(2-CHLOROETHOXY) METHANE	34281	-59,000U UG/KG	2,4-DICHLOROPHENOL	34609	-59,000U UG/KG
ISOPHORONE	34411	-59,000U UG/KG	2,4,6-TRICHLOROPHENOL	34624	-59,000U UG/KG
HEXAChLOROCYCLOPENTADIENE (HCCP)	34389	-59,000U UG/KG	4-CHLORO-3-METHYLPHENOL	34455	-59,000U UG/KG
2-CHLORONAPHTHALENE	34584	-59,000U UG/KG	2,4-DINITROPHENOL	34619	-180,000U UG/KG
ACENAPHTHENE	34203	-59,000U UG/KG	2-METHYL-4,6-DINITROPHENOL	34660	-180,000U UG/KG
DIMETHYL PHthalate	34208	-59,000U UG/KG	PENTACHLOROPHENOL	39061	-180,000U UG/KG
2,4-DINITROTOLUENE	34344	-59,000U UG/KG	4-NITROPHENOL	34649	-120,000U UG/KG
2,6-DINITROTOLUENE	34614	-59,000U UG/KG	% MOISTURE	70320	-83
4-CHLOROPHENYL PHENYL ETHER	34629	-59,000U UG/KG	-----	-----	UG/KG
FLUORENE	34644	-59,000U UG/KG	-----	-----	UG/KG
DIETHYL PHthalate	34384	-59,000U UG/KG	-----	-----	UG/KG
N-NITROSOPHENYL AMINE	34339	-59,000U UG/KG	-----	-----	UG/KG
HEXAChLOROBENZENE (HCB)	34436	-59,000U UG/KG	-----	-----	UG/KG
4-BROMOPHENYL PHENYL ETHER	39101	-59,000U UG/KG	hexamethylbicyclo[2.2.1]heptene	39000JN	-59,000U UG/KG
PHENANTHRENE	34639	-59,000U UG/KG	C <sub>6</sub> -alkylbiphenyl	39000JN	-59,000U UG/KG
ANTHACENE	34464	-59,000U UG/KG	C <sub>6</sub> -alkylnaphthalene (3 isomers)	39000JN	-59,000U UG/KG
DI-N-BUTYLPHthalate	34223	-59,000U UG/KG	C <sub>6</sub> -alkylbiphenyl	39000JN	-59,000U UG/KG
FLUORANTHENE	34112	-59,000U UG/KG	dimethylbiphenothiophene (2 isomers)	39000JN	-59,000U UG/KG
PYRENE	34319	-59,000U UG/KG	-----	-----	UG/KG
BENZYL-BUTYL PHthalate	34472	-59,000U UG/KG	-----	-----	UG/KG
BIS(2-ETHYLHEXYL) PHthalate	34295	-59,000U UG/KG	-----	-----	UG/KG
	39102	-59,000U UG/KG	-----	-----	UG/KG

NOTES: 1) J-ESTIMATED VALUE

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

- THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
5) NA-COMPOUND NOT ANALYZED FOR.
- 6) H-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
7) A-AVERAGE VALUE  
8) H AND/OR AROMATIC  
9) AND/OR DIPHENYLAMINE  
10) HENZO(H)FLUORANTHENE AND/OR HENZO(K)FLUORANTHENE

DATE: 27/82

PROJECT #: 82-131 PROG ELEMENT #: NSF

SOURCE: SAND SITE

CITY: NASHVILLE

STATE: TN

STATION: S-6-1/5 SPHNG 6.1

SAD NO.: 82C1443

SAMPLE RECEIVED DATE &amp; TIME: 05/21/82 14:35

SAMPLE STOP DATE &amp; TIME: 00/00/00 0

CHEMIST: E.W. Loyd, Jr. COMPLETED 6-25-82

**EXTRACTABLE ORGANIC ANALYSIS  
DATA INPUTTING SHEET  
SEDIMENT/SOIL/SLUDGE (WY WY)**

E SAD-RGN-IV  
ATHENS, GA

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
N-NITROSOUDIMETHYLAMINE	34441	NA	UG/KG	34529	5000U UG/KG
1,2-DIPHENYLHYDRAZINE	/8	UG/KG	* * HENZO(A)ANTHRACENE	34323	5000U UG/KG
HENZIDINE	39121	UG/KG	CHRYSENE	34634	5000U UG/KG
1,3-DICHLOROBENZENE	34569	UG/KG	3,3'-DICHLOROBENZIDINE	34599	5000U UG/KG
1,4-DICHLOROBENZENE	34574	UG/KG	DI-N-OCTYLPHTHALATE	34233	5000U UG/KG
1,4-DICHLOROBENZENE	34539	UG/KG	BENZO(B)FLUORANTHENE	34250	5000U UG/KG
BIS(2-CHLOROTIYL) ETHER	34276	UG/KG	BENZO(K)FLUORANTHENE	34406	5000U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	34349	UG/KG	INDENO (1,2,3-C) PYRENE	34559	5000U UG/KG
N-NITROSDI-N-PROPYLAMINE	34286	UG/KG	DIBENZO (A,H)ANTHRACENE	34524	5000U UG/KG
1,2,4-TRICHLOROBENZENE	34431	UG/KG	HENZO (GH)PERYLENE	34589	5000U UG/KG
NAPHTHALENE	34450	UG/KG	2-CHLOROPHENOL	34594	5000U UG/KG
HIS(2-CHLOROETHOXY) METHANE	39705	UG/KG	2,4-DINITROPHENOL	34695	5000U UG/KG
ISOPHORENE	34554	UG/KG	PHENOL	34609	5000U UG/KG
HEXACHLOROCYCLOPENTADIENE (HCCP)	34411	UG/KG	2,4-DIMETHYLPHENOL	34614	5000U UG/KG
2-CHLORONAPHTHALENE	34389	UG/KG	2,4,6-TRICHLOROPHENOL	34624	5000U UG/KG
ACENAPHTHYLENE	34584	UG/KG	4-CHLORO-3-METHYLPHENOL	34455	5000U UG/KG
ACENAPHTHENE	34203	UG/KG	2,4-DINITROPHENOL	34619	7500U UG/KG
DIMETHYL PHthalate	34208	UG/KG	2-METHYL-4,6-DINITROPHENOL	34660	7500U UG/KG
2,4-DINITROTOLUENE	34344	UG/KG	PENTACHLOROPHENOL	39061	2000U UG/KG
2,6-DINITROTOLUENE	34614	UG/KG	4-NITROPHENOL	34649	5000U UG/KG
4-CHLOROPHENYL PHENYL ETHER	34629	UG/KG	8 MOISTURE	70320	49
FLUORENE	34644	UG/KG	benzothiazole		
DIETHYL PHthalate	34384	UG/KG	metyltrifluorobenzothiazole		
N-NITROSODIPHENYLAMINE	34339	UG/KG	dodecanoic acid		
HEXACHLOROBENZENE (HCH)	34436	UG/KG	tetradecanoic acid		
4-BROMOPHENYL PHENYL ETHER	34436	UG/KG	pentadecanoic acid		
PHENANTHRENE	34701	UG/KG	hexadecanoic acid		
ANTHRACENE	34639	UG/KG	hexadecenoic acid		
DI-N-HYDROPHthalate	34664	UG/KG	heptadecanoic acid		
FLUORANTHENE	34223	UG/KG	hexadecanoic acid, methyl ester		
PYRENE	39112	UG/KG	the chromatogram indicates the presence		
BENZYL-BUTYL PHthalate	34379	UG/KG	of a petroleum type product.		
HIS(2-ETHYLHEXYL) PHthalate	34472	UG/KG			
	34295	UG/KG			
	34102	UG/KG			

NOTES: 1) J-ESTIMATED VALUE

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) NA-COMPOUND NOT ANALYZED FOR.

6) H-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

/ / AVERAGE VALUE

H AND/OR AZOGENE

Y AND/OR DIPHENYLAMINE

10) BENZO(B)FLUORANTHENE AND/OR HENZO(K)FLUORANTHENE

DATE: 05/06/2022

PROJECT #: 82-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE

STATE: IN

STATION: S-2/S SPRING S-2

**EXTRACTABLE OR NIC ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)**

EPA- RON. IV  
ATHENS, GA

SAMPLE RECEIVED (DATE & TIME): 05/21/82 1644

SAMPLE START(DATE & TIME):05/18/82 1315

SAMPLE STOP(DATE & TIME): 00/00/00 0

SAC NO.: 82C1440

CHEMIST: E.W. Loy, Jr. COMPLETED 6-28-82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS	
N-NITROSODIMETHYLAMINE	34441	NA	UG/KG	34529	5000U	UG/KG
1,2-DIPHENYLHYDRAZINE /8	34349	NA	UG/KG	34323	5000U	UG/KG
BENZIDINE	39121	NA	UG/KG	34634	5000U	UG/KG
1,3-DICHLOROBENZENE	34569	5000U	UG/KG	34599	5000U	UG/KG
1,4-DICHLOROBENZENE	34574	5000U	UG/KG	34233	5000U	UG/KG
1,2-DICHLOROBENZENE	34539	5000U	UG/KG	34245	5000U	UG/KG
HIS(2-CHLOROETHYL) ETHER	34276	5000U	UG/KG	34250	5000U	UG/KG
HEXACHLOROETHANE	34399	5000U	UG/KG	34406	5000U	UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	34286	5000U	UG/KG	34559	5000U	UG/KG
N-NITROSOU/-N-PROPYLAMINE	34431	5000U	UG/KG	34524	5000U	UG/KG
NITROHENZENF	34450	5000U	UG/KG	34589	5000U	UG/KG
HEXACHLOROBUTADIENE	39705	5000U	UG/KG	34594	5000U	UG/KG
1,2,4-TRICHLOROBENZENE	34554	5000U	UG/KG	34695	5000U	UG/KG
NAPHTHALENE	34445	5000U	UG/KG	34609	5000U	UG/KG
BIS(2-CHLOROETHXY) METHANE	34281	5000U	UG/KG	34604	5000U	UG/KG
ISOPHORONE	34411	5000U	UG/KG	34624	5000U	UG/KG
HEXACHLOROCYCLOPENTADIENE (HCCP)	34389	5000U	UG/KG	34455	5000U	UG/KG
2-CHLORONAPHTHALENE	34584	5000U	UG/KG	34619	5200U	UG/KG
ACENAPHTHYLFNE	34203	5000U	UG/KG	34660	5200U	UG/KG
ACENAPHTHENE	34208	5000U	UG/KG	39061	520J	UG/KG
DIMETHYL PHTHALATE	34344	5000U	UG/KG	34649	5000U	UG/KG
2,4-DINITROTOLUENE	34614	5000U	UG/KG	70320	30	UG/KG
2,6-DINITROTOLUENE	34629	5000U	UG/KG			UG/KG
4-CHLOROPHENYL PHENYL ETHER	34644	5000U	UG/KG			UG/KG
FLUORENE	34384	5000U	UG/KG			UG/KG
DIETHYL PHTHALATE	34339	5000U	UG/KG			UG/KG
N-NITROSOUDIPHENYLAMINE /9	34436	5000U	UG/KG			UG/KG
HEXACHLOROBENZENE (HCH)	39701	5000U	UG/KG			UG/KG
4-BROMOPHENYL PHENYL ETHER	34639	5000U	UG/KG			UG/KG
PHENANTHRENE	34464	5000U	UG/KG			UG/KG
ANTHRACENE	34223	5000U	UG/KG			UG/KG
DI-N-BUTYLPHthalate	39112	5000U	UG/KG			UG/KG
FLUORANTHENE	34379	5000U	UG/KG			UG/KG
PYRENE	34472	5000U	UG/KG			UG/KG
BENZYL-BUTYL PHTHALATE	34295	5000U	UG/KG			UG/KG
BIS(2-ETHYLHEXYL) PHTHALATE	39102	5000U	UG/KG			UG/KG

NOTES: 1) J-ESTIMATED VALUE

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

**5) NA-COMPOUND NOT ANALYZED FOR.**

- 6) N-PRF SUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
  - 7) A-AVERAGE VALUE
  - 8) ANI/OR AZOBENZENE
  - 9) AND/OR DIPHENYLAMINE
  - 10) BENZO(H)FLUORANTHENE AND/OR BENZO(K)FLUORANTHENE

DATE: 05/22

PROJECT #: 82-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE

STATE: TN

STATION: S-3.1/S SPRING S-3

EXTRACTABLE OR JIC ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

EPA- 14  
ORGANIC  
ATHENS, GA

SAMPLE RECEIVED (DATE &amp; TIME): 05/21/82 1644

SAMPLE START (DATE &amp; TIME): 05/18/82 1340

SAMPLE STOP (DATE &amp; TIME): 00/00/00 0

CHEMIST: E.W. Loy, Jr. COMPLETED 6-25-82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS	
N-NITROSOQUIMETHYLAMINE	34441	NA	UG/KG	34529	5000U	UG/KG
1,2-DIPHENYLHYDRAZINE	34349	NA	UG/KG	34323	5000U	UG/KG
BENZIUMINE	39121	NA	UG/KG	34634	5000U	UG/KG
1,3-DICHLOROBENZENE	34569	5000U	UG/KG	34599	5000U	UG/KG
1,4-DICHLOROBENZENE	34574	5000U	UG/KG	34233	5000U	UG/KG
1,2-DICHLOROBENZENE	34539	5000U	UG/KG	34245	5000U	UG/KG
BIS(2-CHLOROETHYL) ETHER	34276	5000U	UG/KG	34250	5000U	UG/KG
HEXACHLOROETHANE	34399	5000U	UG/KG	34406	5000U	UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	34286	5000U	UG/KG	34559	5000U	UG/KG
N-NITROSODI-N-PROPYLAMINE	34431	5000U	UG/KG	34524	5000U	UG/KG
NITROHENZENE	34450	5000U	UG/KG	34589	5000U	UG/KG
HEXACHLOROBUTADIENE	39705	5000U	UG/KG	34594	5000U	UG/KG
1,2,4-TRICHLOROBENZENE	34554	5000U	UG/KG	34695	5000U	UG/KG
NAPHTHALENE	34445	5000U	UG/KG	34609	5000U	UG/KG
BIS(2-CHLOROETHOXY) METHANE	34281	5000U	UG/KG	34604	5000U	UG/KG
ISOPHORONE	34411	5000U	UG/KG	34624	5000U	UG/KG
HEXACHLOROCYCLOPENTADIENE (HCCP)	34389	5000U	UG/KG	34455	5000U	UG/KG
2-CHLORONAPHTHALENE	34584	5000U	UG/KG	34619	5100U	UG/KG
ACENAPHTHYLENE	34203	5000U	UG/KG	34660	5100U	UG/KG
ACENAPHTHENE	34208	5000U	UG/KG	39061	5100U	UG/KG
DIMETHYL PHTHALATE	34344	5000U	UG/KG	34649	5000U	UG/KG
2,4-DINITROTOLUENE	34614	5000U	UG/KG	70320	29	
2,6-DINITROTOLUENE	34629	5000U	UG/KG			UG/KG
4-CHLOROPHENYL PHENYL ETHER	34644	5000U	UG/KG			UG/KG
FLUORENE	34384	5000U	UG/KG			UG/KG
DIETHYL PHTHALATE	34339	5000U	UG/KG			UG/KG
N-NITROSODIPHENYLAMINE /9	34436	5000U	UG/KG			UG/KG
HEXACHLOROBENZENE (HCB)	39701	5000U	UG/KG			UG/KG
4-BROMOPHENYL PHENYL ETHER	34639	5000U	UG/KG			UG/KG
PHENANTHRENE	34464	5000U	UG/KG			UG/KG
ANTHRACENE	34223	5000U	UG/KG			UG/KG
DI-N-BUTYLPHthalate	39112	5000U	UG/KG			UG/KG
FLUORANTHENE	34379	5000U	UG/KG			UG/KG
PYRENE	34472	5000U	UG/KG			UG/KG
BENZYL-BUTYL PHTHALATE	34295	5000U	UG/KG			UG/KG
BIS(2-ETHYLHEXYL) PHTHALATE	34102	5000U	UG/KG			UG/KG

NOTES: 1) J-ESTIMATED VALUE

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) NA-COMPONENT NOT ANALYZED FOR.

6) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

7) A-AVERAGE VALUE

8) AND/OR AZOBENZENE

9) AND/OR DIPHENYLAMINE

10) BENZO(B)FLUORANTHENE AND/OR BENZO(K)FLUORANTHENE

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

11/02/82

METALS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 82C2822 SAMPLE TYPE: AMBWA

PROJECT NO.: 82-1318 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE THROUDALE RD.  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CS-5W  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1320  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST: MAW

ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO: D 1245 INORG SAMPLE NO.: MD 8955  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): HOCKY MTN AN. LABS.

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

- \*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES
- \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

RESULTS	UNITS	ELEMENT	
100	UG/L	SILVER	
100	UG/L	ARSENIC	
NA	UG/L	BORON	
1000	UG/L	BARIUM	
50	UG/L	BERYLLIUM	
10	UG/L	CADMIUM	
500	UG/L	COHALT	
100	UG/L	CHROMIUM	
500	UG/L	COPPER	
NA	UG/L	MOLYBDENUM	
400	UG/L	NICKEL	
8	UG/L	LEAD	
200	UG/L	ANTIMONY	
9	UG/L	SELENIUM	
200	UG/L	TIN	
NA	UG/L	STRONTIUM	
NA	UG/L	TELLURIUM	
NA	UG/L	TITANIUM	
100	UG/L	THALLIUM	
2000	UG/L	VANADIUM	
NA	UG/L	YTTRIUM	
26	UG/L	ZINC	
NA	UG/L	ZIRCONIUM	
0.2U	UG/L	MERCURY	
760	UG/L	ALUMINUM	
150	UG/L	MANGANESE	
NA	MG/L	CALCIUM	
NA	MG/L	MAGNESIUM	
1.1	MG/L	IRON	
NA	MG/L	SODIUM	
	UG/L	CHROMIUM, HEXAVALENT	

STORED  
01077  
01002  
01022  
01007  
01012  
01027  
01037  
01034  
01042  
01062  
01067  
01051  
01097  
01147  
01102  
01082  
01064  
01152  
01059  
01087  
01203  
01092  
01162  
71900  
01105  
01055  
00916  
00927  
00929  
01032

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0101

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

11/02/82

METALS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 82C2827 SAMPLE TYPE: AMBWA

PROJECT NO.: 82-131B PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CS-BW  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1430  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST: MAW  
ANALYTICAL METHOD:

CASE NO.: 1220 OHG SAMPLE NO: D 1281 INORG SAMPLE NO.: MD 8960  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

- \*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES
- \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

RESULTS	UNITS	ELEMENT	STORET
100	UG/L	SILVER	01077
100	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
1000	UG/L	BARIUM	01007
50	UG/L	BERYLLOIUM	01012
6	UG/L	CADMIUM	01027
500	UG/L	COBALT	01037
100	UG/L	CHROMIUM	01034
500	UG/L	COPPER	01042
200	UG/L	MOLYBDENUM	01062
400	UG/L	NICKEL	01067
10	UG/L	LEAD	01051
200	UG/L	ANTIMONY	01097
5	UG/L	SELENIUM	01147
200	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
100	UG/L	THALLIUM	01059
2000	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
32	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.20	UG/L	MERCURY	71900
910	UG/L	ALUMINUM	01105
110	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
1.1	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032



SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

12/15/82 PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 82C2827 SAMPLE TYPE: AMBWA

PROJECT NO.: 82-1318 PROGRAM ELEMENTS: NSF  
SOURCE: SAAD SITE TROUSDALE RD  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CS-BW  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1430  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST: DGR  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO.: D 1281 INORG SAMPLE NO.: MD 8960  
CONTRACT LABORATORY(ORGANIC): HEAD COMPUTECH  
CONTRACT LABORATORY(INORGANIC): ROCKY Mtn AN LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DIC SAMPLE DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STORET
100U	UG/L	ACROLEIN	34210
100U	UG/L	ACRYLONITRILE	34215
100U	UG/L	CHLOROETHANE	34418
100U	UG/L	BROMOMETHANE	34913
100U	UG/L	VINYL CHLORIDE	39175
100U	UG/L	CHLOROETHANE	34311
15U	UG/L	METHYLENE CHLORIDE	34423
100U	UG/L	1,1-DICHLOROETHENE	34501
100U	UG/L	1,1-DICHLOROETHANE	34496
100U	UG/L	TRANS-1,2-DICHLOROETHENE	34546
100U	UG/L	CHLOROFORM	32106
100U	UG/L	1,2-DICHLOROETHANE	32103
100U	UG/L	1,1,1-TRICHLOROETHANE	34502
100U	UG/L	CARBON TETRACHLORIDE	32102
100U	UG/L	BROMODICHLOROMETHANE	32101
100U	UG/L	1,2-DICHLOROPROPANE	34541
100U	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
100U	UG/L	TRICHLOROETHENE	39150
100U	UG/L	BENZENE	34030
100U	UG/L	DIAKLOMCHLOROPROMETHANE	34306
100U	UG/L	1,1,2-TRICHLOROETHANE	34511
100U	UG/L	CIS-1,3-DICHLOROPROPENE	34704
100U	UG/L	2-MICHLOROETHYL VINYL ETHER	34576
100U	UG/L	BROMOFURAN	32104
100U	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
100U	UG/L	TETRACHLOROETHENE	34475
100U	UG/L	TOLUENE	34010
100U	UG/L	CHLOROBENZENE	34301
NA	UG/L	ETHYL BENZENE	34371
NA	UG/L	M-XYLENE	
NA	UG/L	O-XYLENE(MIXED)	

\*\*\*\*\*FOOTNOTES\*\*\*

\*A=AVERAGE VALUE \*NA=NOT ANALYZED \*N/A=INTERFERENCES  
\*J=ESTIMATED VALUE \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

12/15/82 PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 82C2818      SAMPLE TYPE: SOIL

PROJECT NO.: 82-131H      PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE IRVINGDALE RD  
CITY: NASHVILLE      STATE: TN

STATION I.D.: SS-CS-1  
STORET STATION NO.: 1

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1245  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON      RECEIVED FROM:  
SAMPLE REC'D DATE/TIME 00/00/00      0 REC'D BY:  
SEALED:

CHEMIST: DGR  
ANALYTICAL METHOD:

CASE NO.: 1220      ORG SAMPLE NO.: D 1241      INORG SAMPLE NO.: MD 8951  
CONTRACT LABORATORY(ORGANIC): HEAD CO/PUCHEN  
CONTRACT LABORATORY(INORGANIC): ROCKY MOUNTAIN LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DGC      SAMPLE DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STORED
5.00	UG/KG	ACROLEIN	34213
5.00	UG/KG	ACRYLONITRILE	34214
5.00	UG/KG	CHLOROMETHANE	34421
5.00	UG/KG	BROMOMETHANE	34416
5.00	UG/KG	VINYL CHLORIDE	34495
5.00	UG/KG	CHLOROETHANE	34314
8.911	UG/KG	METHYLENE CHLORIDE	34426
2.50	UG/KG	1,1-DICHLOROETHENE	34504
2.50	UG/KG	1,1-DICHLOROETHANE	34499
2.50	UG/KG	TRANS-1,2-DICHLOROETHENE	34549
2.50	UG/KG	CHLOROFORM	34316
2.50	UG/KG	1,2-DICHLOROETHANE	34534
2.50	UG/KG	1,1,1-TRICHLOROETHANE	34509
2.50	UG/KG	CARBON TETRACHLORIDE	34299
2.50	UG/KG	BROMODICHLOROMETHANE	34330
5.00	UG/KG	1,2-DICHLOROPROPANE	34544
2.50	UG/KG	TRANS-1,3-DICHLOROPROPENE	34697
2.50	UG/KG	TRICHLOROETHANE	34487
2.50	UG/KG	BENZENE	34237
2.50	UG/KG	DIBROMOCHLOROMETHANE	34309
2.50	UG/KG	1,1,2-TRICHLOROETHANE	34514
5.00	UG/KG	CIS-1,3-DICHLOROPROPENE	34702
5.00	UG/KG	2-CHLOROETHYL VINYL ETHER	34574
5.00	UG/KG	BROMOFORM	34290
5.00	UG/KG	1,1,2,2-TETRACHLOROETHANE	34519
2.50	UG/KG	TETRACHLOROETHENE	34478
2.50	UG/KG	TOLENE	34483
2.50	UG/KG	CHLORDIENZENE	34304
2.50	UG/KG	ETHYL BENZENE	34374
NA	UG/KG	M-XYLENE	
5.00	UG/KG	DEP-XYLENE(MIXED)	
**	%	MOISTURE	70320

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A=AVERAGE VALUE      \*NA=NOT ANALYZED      \*NAI=INTERFERENCES  
\*J=ESTIMATED VALUE      \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

12/15/82      PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 82C2819      SAMPLE TYPE: SOIL

PROJECT NO.: 82-131A      PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD  
CITY: NASHVILLE      STATE: TN

STATION I.D.: SS-CS-2  
STOREI STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1250  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J.H. WILSON      RECEIVED FROM:  
SAMPLE REC'D DATE/TIME 00/00/00 0      REC'D BY:  
SEALED?

CHEMIST: DCR  
ANALYTICAL METHOD:

CASE NO.: 1220      DRG SAMPLE NO.: D 1242      INDRG SAMPLE NO.: MD 8952  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUTECH  
CONTRACT LABORATORY(INORGANIC): RUCKY MTN AN. LABS

REMARK: DRG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INDRG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC      SAMPLE DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	SIURET
500	UG/KG	ACROLEIN	34213
500	UG/KG	ACRYLONITRILE	34216
50	UG/KG	CH1, DROMETHANE	34421
50	UG/KG	BROMOMETHANE	34417
50	UG/KG	VINYL CHLORIDE	34495
50	UG/KG	CH1, DROETHANE	34314
170	UG/KG	METHYLENE CHLORIDE	34426
2.50	UG/KG	1,1-DICHLOROETHENE	34504
2.50	UG/KG	1,1-DICHLOROETHANE	34499
2.50	UG/KG	TRANS-1,2-DICHLOROETHENE	34549
2.50	UG/KG	CHLORFOR"	34318
2.50	UG/KG	1,2-DICHLOROF1HANE	34534
2.50	UG/KG	1,1,1-TRICHLOROETHANE	34504
2.50	UG/KG	CARBON TETRACHLORIDE	34229
2.50	UG/KG	PRODODICHLOROMETHANE	34330
50	UG/KG	1,2-DICHLOROPROPANE	34544
2.50	UG/KG	TRANS-1,3-DICHLOROPROPENE	34097
2.50	UG/KG	TRICHLOROETHENE	34437
2.50	UG/KG	BENZENE	34237
2.50	UG/KG	DIBROMOCHLOROMETHANE	34309
2.50	UG/KG	1,1,2-TRICHLOROETHANE	34514
50	UG/KG	CIS-1,3-DICHLOROPROPENE	34702
50	UG/KG	2-CHLOROETHYLVINYL ETHER	34579
50	UG/KG	PRODUFOR"	34290
50	UG/KG	1,1,2,2-TETRACHLOROETHANE	34519
2.50	UG/KG	TETRACHLOROETHANE	34479
2.50	UG/KG	TOLUENE	34483
2.50	UG/KG	CH1, DROBENZENE	34304
2.50	UG/KG	ETHYL BENZENE	34374
NA	UG/KG	M-XYLENE	
50	UG/KG	O,O-XYLENE(MIXED)	
**	%	MOISTURE	70320

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*\*\*FOOTNOTES\*\*\*  
\* A=AVVERAGE VALUE      \* N=NOT ANALYZED      \* H=INTERFERENCES  
\* J=ESTIMATED VALUE      \* P=PREMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\* K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\* L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\* U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

12/15/82

PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 82C2823      SAMPLE TYPE: SOIL

PROJECT NO.: 82-131B      PROGRAM ELEMENTS: NSF  
SOURCE: SAAD SITE TRUDUSDALE RD  
CITY: NASHVILLE      STATE: TN

STATION ID: SS-CS-3  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1340  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C. H. WILSON      RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0      REC'D BY:  
SEALED:

CHEMIST: DGR  
ANALYTICAL METHOD:

CASE NO.: 1220      ORG SAMPLE NO.: D 1246      INORG SAMPLE NO.: MD 8956  
CONTRACT LABORATORY(ORGANIC): HEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY Mtn ANL LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC      SAMPLE DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STORET
500	UG/KG	ACRYLICNITRILE	34213
500	UG/KG	CHLOROMETHANE	34218
500	UG/KG	BROMOMETHANE	34421
500	UG/KG	VINYL CHLORIDE	34416
500	UG/KG	CHLOROETHANE	34495
21U	UG/KG	METHYLENE CHLORIDE	34314
2.5U	UG/KG	1,1-DICHLOROETHENE	34426
2.5U	UG/KG	TRANS-1,2-DICHLOROETHENE	34504
2.5U	UG/KG	CHLOROFORM	34549
2.5U	UG/KG	1,2-DICHLOROETHANE	34319
2.5U	UG/KG	1,1,1-TRICHLOROETHANE	34534
2.5U	UG/KG	CARBON TETRACHLORIDE	34509
2.5U	UG/KG	BROMODICHLOROMETHANE	34299
5U	UG/KG	1,2-DICHLOROPROPANE	34544
2.5U	UG/KG	TRANS-1,3-DICHLOROPROPENE	34697
2.5U	UG/KG	TRICHLOROETHENE	34457
2.5U	UG/KG	BENZENE	34237
2.5U	UG/KG	DIBROMOCHLOROMETHANE	34309
2.5U	UG/KG	1,1,2-TRICHLOROETHANE	34514
5U	UG/KG	CIS-1,3-DICHLOROPROPENE	34702
5U	UG/KG	2-CHLOROETHYL VINYL ETHER	34574
5U	UG/KG	BROMOFORM	34290
5U	UG/KG	1,1,2,2-TETRACHLOROETHANE	34519
2.5U	UG/KG	TETRACHLOROETHENE	34478
2.5U	UG/KG	TDI, UENE	34463
2.5U	UG/KG	CHLOROBENZENE	34304
NA	UG/KG	ETHYL BENZENE	34374
5U	UG/KG	4-XYLENE	
5U	UG/KG	OX-P-XYLENE(MIXED)	
--	%	WATER	70320

\*\*\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*A=AVERAGE VALUE      \*NA=NOT ANALYZED      \*NAI=INTERFERENCES  
\*J=ESTIMATED VALUE      #P=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

12/15/82      PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 82C2824      SAMPLE TYPE: SOIL

PROJECT NO.: 82-1318      PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE MD  
CITY: NASHVILLE      STATE: TN

STATION I.D.: SS-CS-3A  
STORET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1345  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON      RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00      REC'D BY:  
SEALED:

CHEMIST: DGR  
ANALYTICAL METHOD:

CASE NO.: 1220      DRG SAMPLE NO.: D 1278      INDRG SAMPLE NO.: MD 8957  
CONTRACT LABORATORY(ORGANIC): HEAD COMPUCHEM  
CONTRACT LABORATORY(INKRAGNATIC): ROCKY MTN AN. LABS

REMARK: DRG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INDRG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC      SAMPLE DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STORED
50U	UG/KG	ACROLEIN	34213
50U	UG/KG	ACRYLONITRILE	34214
50U	UG/KG	CHLORODIMETHANE	34421
50U	UG/KG	CHROMOMETHANE	34416
50U	UG/KG	VINYL CHLORIDE	34495
50U	UG/KG	CHLOROETHANE	34314
2.50	UG/KG	METHYLENE CHLORIDE	34420
2.50	UG/KG	1,1-DICHLOROETHENE	34504
2.50	UG/KG	1,1-DICHLOROETHANE	34490
2.50	UG/KG	TRANS-1,2-DICHLOROETHENE	34544
2.50	UG/KG	CHLOROFORM	34318
2.50	UG/KG	1,2-DICHLOROETHANE	34534
2.50	UG/KG	1,1,1-TRICHLOROETHANE	34509
2.50	UG/KG	CARBON TETRACHLORIDE	34299
2.50	UG/KG	BROMODICHLOROMETHANE	34330
50U	UG/KG	1,2-DICHLOROPROPANE	34544
2.50	UG/KG	TRANS-1,3-DICHLOROPROPENE	34697
2.50	UG/KG	TRICHLOROETHENE	34487
2.50	UG/KG	BENZENE	34304
2.50	UG/KG	DIBROMOCHLOROMETHANE	34514
50U	UG/KG	1,1,2-TRICHLOROETHANE	34702
50U	UG/KG	CIS-1,3-DICHLOROPROPENE	34579
50U	UG/KG	2-CHLOROETHYL VINYL ETHER	34290
50U	UG/KG	BROMOFORM	34510
2.50	UG/KG	1,1,2,2-TETRAKHLOROETHANE	34478
2.50	UG/KG	TETRACHLOROETHENE	34463
2.50	UG/KG	TETRAUENE	34304
2.50	UG/KG	CHLORDIBENZENE	34374
NA	UG/KG	ETHYL BENZENE	
50U	UG/KG	4-XYLENE	
--	UG/KG	D&P-XYLENE(MIXED)	
	8	MOTSTURE	70320

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*N/A-INTERFERENCES  
\*J-ESTIMATED VALUE      \*NP-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

12/15/82

PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: R2C2828      SAMPLE TYPE: SOIL

PROJECT NO.: 82-1314      PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD  
CITY: NASHVILLE      STATE: TN

STATION I.D.: SS-CS-4  
STORET STATION NO: 1

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1500  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C. H. WILSON      RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0      REC'D BY:  
SEALED:

CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1220      DRG SAMPLE NO: D 1340      INDRG SAMPLE NO.: MD 8961  
CONTRACT LABORATORY(DRGAVIS): MEAD COMPUTECH  
CONTRACT LABORATORY(INORGANIC): ROCKY Mtn AN LARS

REMARK: DRG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INDRG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DUC      SAMPLE DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*

\*\*\*\*\*  
\*\*\*FOOTNOTES\*\*\*  
\*A=AVERAGE VALUE    \*NA=NOT ANALYZED    \*NAI=INTERFERENCES  
\*J=ESTIMATED VALUE    \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STORED
500	UG/KG	ACROLEIN	34213
500	UG/KG	ACRYLONITRILE	34214
500	UG/KG	CHLORDIMETHANE	34421
500	UG/KG	FORMOMETHANE	34416
500	UG/KG	VINYL CHLORIDE	34495
500	UG/KG	CHLOROETHANE	34314
34	UG/KG	METHYLENE CHLORIDE	34426
2.50	UG/KG	1,1-DICHLOROETHENE	34504
2.50	UG/KG	1,1-DICHLOROETHANE	34499
2.50	UG/KG	TRANS-1,2-DICHLOROETHENE	34549
2.50	UG/KG	CHLOROFORM	34318
2.50	UG/KG	1,2-DICHLOROTHANE	34534
1.50	UG/KG	1,1,1-TRICHLOROETHANE	34509
500	UG/KG	CARBON TETRACHLORIDE	34249
500	UG/KG	BROMODICHLOROMETHANE	34330
500	UG/KG	1,2-DICHLOROPROPANE	34544
2.50	UG/KG	TRANS-1,3-DICHLOROPROPENE	34697
2.50	UG/KG	TRICHLOROETHENE	34467
2.50	UG/KG	BEZENE	34237
2.50	UG/KG	DIBROMOCHLOROETHANE	34309
2.50	UG/KG	1,1,2-TRICHLOROETHANE	34511
500	UG/KG	CIS-1,3-DICHLOROPROPENE	34702
500	UG/KG	2-CHLOROETHYL VINYL ETHER	34579
500	UG/KG	BROMOFORM	34290
500	UG/KG	1,1,2,2-TETRACHLOROETHANE	34519
2.50	UG/KG	TETRACHLOROETHENE	34478
2.50	UG/KG	TOLUENE	34943
2.50	UG/KG	CHLOROBENZENE	34304
2.50	UG/KG	ETHYL BENZENE	34374
500	UG/KG	M-XYLENE	
500	UG/KG	D,L-XYLENE(MIXED)	
--	*	MOTSTURE	70320

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

12/15/82

PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C2821      SAMPLE TYPE: SOIL

PROJECT NO.: 82-131H      PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD  
CITY: NASHVILLE      STATE: TN

STATION I.D.: DD-CS-5S  
STORET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1320  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C. H. WILSON      RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0      REC'D BY:  
SEALED!

CHEMIST: DGR  
ANALYTICAL METHOD:

CASE NO.: 1220      DRG SAMPLE NO.: 1244      INORG SAMPLE NO.: MD R954  
CONTRACT LABORATORY(ORGANIC):      HEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY Mtn AH, LABS

REMARK: DRG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC      SAMPLE DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STORET
500	UG/KG	ACROLEIN	34213
500	UG/KG	ACRYLONITRILE	34218
50	UG/KG	CHLOROMETHANE	34471
50	UG/KG	BROMOETHANE	34416
50	UG/KG	VINYL CHLORIDE	34495
130	UG/KG	CHLOROETHANE	34314
2.50	UG/KG	METHYLENE CHLORIDE	34920
2.50	UG/KG	1,1-DICHLOROETHENE	34504
2.50	UG/KG	1,1-DICHLOROETHANE	34499
2.50	UG/KG	TRANS-1,2-DICHLOROETHENE	34549
2.50	UG/KG	CHLOROFORM	34318
2.50	UG/KG	1,2-DICHLOROETHANE	34534
2.50	UG/KG	1,1,1-TRICHLOROETHANE	34509
2.50	UG/KG	CARBON TETRACHLORIDE	34299
50	UG/KG	BROMODICHLOROMETHANE	34330
2.50	UG/KG	1,2-DICHLOROPROPANE	34544
2.50	UG/KG	TRANS-1,3-DICHLOROPROPENE	34697
2.50	UG/KG	TRICHLOROETHENE	34487
2.50	UG/KG	BB-ZENE	34237
2.50	UG/KG	DIACRIMICHLOROMETHANE	34309
2.50	UG/KG	1,1,2-TRICHLOROETHANE	34514
50	UG/KG	CIS-1,3-DICHLOROPROPENE	34702
50	UG/KG	2-CHLOROETHYL VINYL ETHER	34579
50	UG/KG	ERIVODORM	34290
50	UG/KG	1,1,2,2-TETRACHLOROETHANE	34519
2.50	UG/KG	TETRACHLOROETHENE	34478
2.50	UG/KG	TOULENE	34493
2.50	UG/KG	CHLOROBENZENE	34304
2.50	UG/KG	ETHYL BENZENE	34374
NA	UG/KG	M-XYLENE	
50	UG/KG	BP-XYLENE(MIXED)	
--	UG/KG	MOTSIURE	70320

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

12/15/82

PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO. 1 82C2B20      SAMPLE TYPE: SOIL

PROJECT NO.: 82-131A      PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE THOUSDALE RD  
CITY: NASHVILLE      STATE: TN

STATION I.D.: SS-CS-6  
STORET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1305  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON      RECEIVED FROM:  
SAMPLE REC'D DATE/TIME 00/00/00      REC'D BY:  
SEALED:

CHEMIST: DGR

ANALYTICAL METHOD:

CASE NO.: 1220      ORG SAMPLE NO.: D 1243      INORG SAMPLE NO.: MD 8953  
CONTRACT LABORATORY(ORGANIC): HEAD COMPUTECH  
CONTRACT LABORATORY(INORGANIC): ROCKY Mtn AM. LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC      SAMPLE DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STORED
50U	UG/KG	ACROLEIN	34213
50U	UG/KG	ACRYLONITRILE	34218
50U	UG/KG	CHLOROMETHANE	34421
50U	UG/KG	BROMOMETHANE	34416
50U	UG/KG	VINYL CHLORIDE	34495
50U	UG/KG	CHLOROETHANE	34314
29U	UG/KG	METHYLENE CHLORIDE	34426
2.5U	UG/KG	1,1-DICHLOROETHENE	34504
2.5U	UG/KG	1,1-DICHLOROETHANE	34499
2.5U	UG/KG	TRANS-1,2-DICHLOROETHENE	34549
2.5U	UG/KG	CHLOROFORM	34318
2.5U	UG/KG	1,2-DICHLOROETHANE	34534
2.5U	UG/KG	1,1,1-TRICHLOROETHANE	34509
2.5U	UG/KG	CAPRON TETRACHLORIDE	34299
2.5U	UG/KG	BROMODICHLOROMETHANE	34330
5U	UG/KG	1,2-DICHLOROPROPANE	34544
2.5U	UG/KG	TRANS-1,3-DICHLOROPROPENE	34697
2.5U	UG/KG	TRICHLOROETHENE	34487
2.5U	UG/KG	BENZENE	34237
2.5U	UG/KG	DIBROMOCHLOROMETHANE	34309
2.5U	UG/KG	1,1,2-TRICHLOROETHANE	34514
5U	UG/KG	CIS-1,3-DICHLOROPROPENE	34702
5U	UG/KG	2-CHLOROETHYL VINYL ETHER	34579
5U	UG/KG	BROMOFORM	34290
5U	UG/KG	1,1,2,2-TETRACHLOROETHANE	34519
2.5U	UG/KG	TETRACHLOROETHENE	34478
2.5U	UG/KG	TOLUENE	34983
2.5U	UG/KG	CHLOROBENZENE	34304
2.5U	UG/KG	ETHYL BENZENE	34374
NA	UG/KG	1-XYLENE	
5U	UG/KG	DISP-XYLENE(MIXED)	
"	UG/KG	"XYLOFENE	

70320

\*\*\*\*\*FOOTNOTES\*\*\*  
\*A=AVVERAGE VALUE      \*N=NOT ANALYZED      \*NA=INTERFERENCES  
\*J=ESTIMATED VALUE      \*P=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

12/15/82      PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 82C2825      SAMPLE TYPE: SOIL

PROJECT NO.: 82-131B      PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE INDOUSDALE RD.  
CITY: NASHVILLE      STATE: TN

STATION I.D.: SS-CS-7  
STORET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1400  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J. H. WILSON      RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00      REC'D BY:  
SEALED:

CHEMIST: DGR  
ANALYTICAL METHOD:

CASE NO.: 1220      ORG SAMPLE NO.: 1279      INORG SAMPLE NO.: MD 8958  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUTECH  
CONTRACT LABORATORY(INORGANIC): ROCKY Mtn AN. LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DGS      SAMPLE DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STORET
500	UG/KG	ACROLEIN	34213
500	UG/KG	ACRYLONITRILE	34218
50	UG/KG	CHLOROMETHANE	34421
50	UG/KG	BROMOMETHANE	34416
50	UG/KG	VINYL CHLORIDE	34495
50	UG/KG	CHLOROETHANE	34314
320	UG/KG	METHYLENE CHLORIDE	34426
2.50	UG/KG	1,1-DICHLOROETHENE	34504
2.50	UG/KG	1,1-DICHLOROETHANE	34549
2.50	UG/KG	TRANS-1,2-DICHLOROETHENE	34549
2.50	UG/KG	CHLORODIFLUOROMETHANE	34318
2.50	UG/KG	1,2-DICHLOROETHANE	34534
2.50	UG/KG	1,1,1-TRICHLOROETHANE	34509
2.50	UG/KG	CARBON TETRACHLORIDE	34294
2.50	UG/KG	BROMODICHLOROMETHANE	34330
50	UG/KG	1,2-DICHLOROPROPANE	34544
2.50	UG/KG	TRANS-1,3-DICHLOROPROPENE	34697
2.50	UG/KG	TRICHLOROETHENE	34487
2.50	UG/KG	BENZENE	34237
2.50	UG/KG	DIBROMOCHLOROMETHANE	34304
2.50	UG/KG	1,1,2-TRICHLOROETHANE	34514
50	UG/KG	CIS-1,3-DICHLOROPROPENE	34702
50	UG/KG	2-CHLOROETHYL VINYL ETHER	34579
50	UG/KG	BROMODIFLUOROMETHANE	34290
2.50	UG/KG	1,1,2,2-TETRACHLOROETHANE	34519
2.50	UG/KG	TETRACHLOROETHENE	34478
2.50	UG/KG	TOLENE	34443
2.50	UG/KG	CHLOROBENZENE	34304
2.50	UG/KG	ETHYL BENZENE	34374
NA	UG/KG	4-XYLENE	
50	UG/KG	o,p-XYLENE(MIXED)	
--	%	WATER	70320

\*\*\*FOOTNOTES\*\*\*

- \*A=AVVERAGE VALUE      \*\*N=NOT ANALYZED      #N=INTERFERENCES
- \*J=ESTIMATED VALUE      \*\*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS THE MINIMUM DETECTION LIMIT.

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## SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

EPA-ESD REG IV

ATHENS

GEORGIA

12/15/82

PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SDIL/SLUDGE(DRY WT)

SAMPLE NO.: 82C2826 SAMPLE TYPE: SOIL

RESULTS	UNITS	COMPOUND	STOKET
500	UG/KG	ACROLEIN	34213
500	UG/KG	ACRYLONITRILE	34218
500	UG/KG	CHLORODIMETHANE	34421
500	UG/KG	CHLOROMETHANE	34416
500	UG/KG	VINYL CHLORIDE	34414
200	UG/KG	CHLOROETHANE	34426
200	UG/KG	METHYLENE CHLORIDE	34499
200	UG/KG	DICHLOROETHENE	34499
200	UG/KG	TRANS-1,2-DICHLOROETHENE	34499
200	UG/KG	CHLOROPROPANE	34318
200	UG/KG	1,1-DICHLOROETHANE	34318
200	UG/KG	1,1,1-TRICHLOROETHANE	34318
200	UG/KG	CARBON TETRACHLORIDE	34244
200	UG/KG	BROMOCHLOROETHANE	34330
200	UG/KG	1,1,2-DICHLOROPROPANE	34594
200	UG/KG	1,1,2,2-TETRACHLOROPROPENE	34594
200	UG/KG	BENZENE	34534
200	UG/KG	1,1,2-TRICHLOROETHANE	34544
200	UG/KG	1,1,2,2-TETRACHLOROETHANE	34544
200	UG/KG	1,3-DICHLOROPROPENE	34579
200	UG/KG	1,3-DICHLOROETHYL VINYL ETHER	34579
200	UG/KG	BROMOFORM	34297
200	UG/KG	1,1,2,2-TETRACHLOROETHANE	34297
200	UG/KG	TETRACHLOROETHENE	34297
200	UG/KG	TOULENE	34514
200	UG/KG	CHLOROBENZENE	34514
200	UG/KG	ETHYL BENZENE	34514
200	UG/KG	XYLYLENE(MIXED)	34514
200	UG/KG	1,4-DIISOBUTYRE	34514

70320

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
 \*AVERAGE VALUE \*NA=NOT ANALYZED \*N/A=INTERFERENCES OF MATERIAL  
 \*J=ESTIMATED VALUE \*\*N/P=RESUMPTIVE EVIDENCE OF MATERIAL  
 \*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESU, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

11/02/82

METALS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: B2C2B18 SAMPLE TYPE: SOIL

RESULTS	UNITS	ELEMENT
1U	MG/KG	SILVER
1U	MG/KG	ARSENIC
10U	MG/KG	BORON
35	MG/KG	BARIUM
0.5U	MG/KG	BERILLIUM
0.9	MG/KG	CADMIUM
5U	MG/KG	COBALT
3.3	MG/KG	CHROMIUM
7.2	MG/KG	COPPER
NA	MG/KG	MOLYBDENUM
4U	MG/KG	NICKEL
11	MG/KG	LEAD
2U	MG/KG	ANTIMONY
2.7	MG/KG	SELENIUM
2U	MG/KG	TIN
NA	MG/KG	STRONTIUM
NA	MG/KG	TELLURIUM
NA	MG/KG	TITANIUM
1U	MG/KG	THALLIUM
20U	MG/KG	VANADIUM
NA	MG/KG	YTTRIUM
13	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.02U	MG/KG	MERCURY
2500	MG/KG	ALUMINUM
280	MG/KG	MANGANESE
NA	MG/KG	CALCIUM
NA	MG/KG	MAGNESIUM
1400	MG/KG	IRON
NA	MG/KG	SODIUM
NA	MG/KG	CHROMIUM, HEXAVALENT
%		MOISTURE

STORET
01078
01093
01023
01008
01013
01028
01038
01029
01043
01063
01068
01052
01098
01148
01103
01083
45513
01153
34480
01088
45514
01093
01163
71921
01108
01053
00917
00924
01170
00934
70329

PROJECT NO.: 82-1318 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE THOUSDALE RD  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CS-1  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1245

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D DATE/TIME 00/00/00 REC'D BY:

SEALED:

CHEMIST: MAW

ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO: D 1241 INORG SAMPLE NO.: MD 8951  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY Mtn AN. LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 40621518U

SAMPLE LOG VERIFIED BY: DLC SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

>DATA REPORTED ON WET WEIGHT BASIS.

\*\*\*FOOTNOTES\*\*\*

- \*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES
- \*J-ESTIMATED VALUE \*NP-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

11/02/82

METALS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 82C2819 SAMPLE TYPE: SOIL

PROJECT NO.: 82-1318 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE THOUSDALE RD.  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CS-2  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1250  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST: MAW  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO: D 1242 INORG SAMPLE NO.: MD 8952  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN. LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

>DATA REPORTED ON WET WEIGHT BASIS

\*\*\*\*\*FOOTNOTES\*\*\*

- \*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*NAI-INTERFERENCES
- \*J-ESTIMATED VALUE      \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

RESULTS	UNITS	ELEMENT	STORET
1U	MG/KG	SILVER	01078
1U	MG/KG	ARSENIC	01003
10U	MG/KG	BOHON	01023
33	MG/KG	BAHIUM	01008
0.5U	MG/KG	BERYLLOIUM	01013
0.2	MG/KG	CADMIUM	01028
5U	MG/KG	COBALT	01038
2.4	MG/KG	CHROMIUM	01029
5U	MG/KG	COPPER	01043
NA	MG/KG	MOLYBDENUM	01063
4U	MG/KG	NICKEL	01068
0.5U	MG/KG	LEAD	01052
2U	MG/KG	ANTIMONY	01098
4.2	MG/KG	SELENIUM	01148
2U	MG/KG	TIN	01103
NA	MG/KG	STRONTIUM	01083
NA	MG/KG	TELLURIUM	45513
NA	MG/KG	TITANIUM	01153
1U	MG/KG	THALLIUM	34480
20U	MG/KG	VANADIUM	01088
NA	MG/KG	YTTRIUM	45514
12	MG/KG	ZINC	01093
NA	MG/KG	ZIRCONIUM	01163
0.02U	MG/KG	MERCURY	71921
3000	MG/KG	ALUMINUM	01108
230	MG/KG	MANGANESE	01053
NA	MG/KG	CALCIUM	00917
NA	MG/KG	MAGNESIUM	00924
860	MG/KG	IRON	01170
NA	MG/KG	SODIUM	00934
NA	MG/KG	CHROMIUM, HEXAVALENT	
%	MOISTURE		70320

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

11/02/82

METALS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 82C2823 SAMPLE TYPE: SOIL

PROJECT NO.: 82-131A PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE THOUSDALE HD.  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CS-3  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1340  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST: MAW  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO: D 1246 INORG SAMPLE NO.: MD 8956  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): HUCKY MTN AN. LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

>DATA REPORTED ON WET WEIGHT BASIS

RESULTS	UNITS	ELEMENT	STORET
1U	MG/KG	SILVER	01078
1U	MG/KG	ARSENIC	01003
10U	MG/KG	BORON	01023
46	MG/KG	BARIUM	01008
0.5U	MG/KG	BERYLLIUM	01013
3.9	MG/KG	CADMIUM	01028
5U	MG/KG	COBALT	01038
5.1	MG/KG	CHROMIUM	01029
10	MG/KG	COPPER	01043
NA	MG/KG	MOLYBDENUM	01063
7.5	MG/KG	NICKEL	01068
110	MG/KG	LEAD	01052
2U	MG/KG	ANTIMONY	01098
2.9	MG/KG	SELENIUM	01148
2U	MG/KG	TIN	01103
NA	MG/KG	THORIUM	01083
NA	MG/KG	TELLURIUM	45513
NA	MG/KG	TITANIUM	01153
1U	MG/KG	THALLIUM	34480
20U	MG/KG	VANADIUM	01088
NA	MG/KG	YTTRIUM	45514
160	MG/KG	ZINC	01093
NA	MG/KG	ZIRCONIUM	01163
0.02U	MG/KG	MERCURY	71721
1600	MG/KG	ALUMINUM	01108
220	MG/KG	MANGANESE	01053
NA	MG/KG	CALCIUM	00917
NA	MG/KG	MAGNESIUM	00924
770	MG/KG	IRON	01170
NA	MG/KG	SODIUM	00934
NA	MG/KG	CHROMIUM, HEXAVALENT	
%		MOISTURE	70320

\*\*\*FOOTNOTES\*\*\*

- \*A-AVERAGE VALUE    \*NA-NOT ANALYZED    \*NAI-INTERFERENCES
- \*J-ESTIMATED VALUE    \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

11/02/82

METALS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 82C2824 SAMPLE TYPE: SOIL

PROJECT NO.: 82-1318 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD.  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CS-3A  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1345  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE RECEIVED DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST: MAW  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO: D 1278 INORG SAMPLE NO.: MD 8957  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN. LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*DATA REPORTED ON WEI WEIGHT BASIS

RESULTS	UNITS	ELEMENT	STORET
2.7	MG/KG	SILVER	01075
1U	MG/KG	ARSENIC	01003
10U	MG/KG	BORON	01023
100U	MG/KG	BARIUM	01008
0.5U	MG/KG	BERYLLOIUM	01013
1.7	MG/KG	CADMIUM	01028
9.1	MG/KG	COBALT	01038
4.7	MG/KG	CHROMIUM	01029
7.3	MG/KG	COPPER	01043
NA	MG/KG	MOLYBDENUM	01063
10	MG/KG	NICKEL	01068
56	MG/KG	LEAD	01052
2U	MG/KG	ANTIMONY	01098
3.8	MG/KG	SELENIUM	01148
2U	MG/KG	TIN	01103
NA	MG/KG	STRONTIUM	45513
NA	MG/KG	TELLURIUM	01153
NA	MG/KG	TITANIUM	34480
1U	MG/KG	THALLIUM	01083
20U	MG/KG	VANADIUM	01088
NA	MG/KG	YTTRIUM	45514
168	MG/KG	ZINC	01093
NA	MG/KG	ZIRCONIUM	01163
0.02U	MG/KG	MERCURY	71921
1300	MG/KG	ALUMINUM	01109
160	MG/KG	MANGANESE	01053
NA	MG/KG	CALCIUM	00917
NA	MG/KG	MAGNESIUM	00924
610	MG/KG	IRON	01170
NA	MG/KG	SODIUM	00934
NA	MG/KG	CHROMIUM, HEXAVALENT % MOISTURE	70320

\*\*\*FOOTNOTES\*\*\*

- \*A-AVERAGE VALUE    \*NA-NOT ANALYZED    \*NAI-INTERFERENCES
- \*J-ESTIMATED VALUE    \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESU, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

11/02/82

METALS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 82C2828 SAMPLE TYPE: SOIL

PROJECT NO.: 82-1318 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CS-4  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1500  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D DATE/TIME 00/00/00 REC'D BY:  
SEALED:

CHEMIST: MAW  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO: D 1340 INORG SAMPLE NO.: MD 8961  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

>DATA REPORTED ON WET WEIGHT BASIS

RESULTS	UNITS	ELEMENT
1U	MG/KG	SILVER
1U	MG/KG	ARSENIC
10U	MG/KG	HORON
48	MG/KG	BARIUM
0.5U	MG/KG	BERYLLIUM
1.3	MG/KG	CAIDIUM
5U	MG/KG	COBALT
2.5	MG/KG	CHROMIUM
9.4	MG/KG	COPPER
NA	MG/KG	MOLYBDENUM
4U	MG/KG	NICKEL
210	MG/KG	LEAD
2U	MG/KG	ANTIMONY
3.2	MG/KG	SELENIUM
2U	MG/KG	TIN
NA	MG/KG	STRONTIUM
NA	MG/KG	TELLURIUM
NA	MG/KG	TITANIUM
1U	MG/KG	THALLIUM
20U	MG/KG	VANADIUM
NA	MG/KG	YTTRIUM
110	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.02U	MG/KG	MERCURY
2000	MG/KG	ALUMINUM
240	MG/KG	MANGANESE
NA	MG/KG	CALCIUM
NA	MG/KG	MAGNESIUM
480	MG/KG	IRON
NA	MG/KG	SODIUM
NA	MG/KG	CHROMIUM, HEXAVALENT
%		MOISTURE

STORET  
01078  
01003  
01023  
01008  
01013  
01028  
01038  
01029  
01043  
01063  
01068  
01052  
01098  
01148  
01103  
01083  
45513  
01153  
34480  
01088  
45514  
01093  
01163  
71921  
01108  
01053  
00917  
00924  
01170  
00934  
70320

\*\*\*FOOTNOTES\*\*\*

- \*A-AVERAGE VALUE    \*NA-NOT ANALYZED    \*NAI-INTERFERENCES
- \*J-ESTIMATED VALUE    \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

11/02/82

METALS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 82C2821 SAMPLE TYPE: SOIL

PROJECT NO.: 82-131B PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD.  
CITY: NASHVILLE STATE: TN

STATION I.D.: DD-CS-5S  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1320  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:  
SEALED

CHEMIST: MAW  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO: D 1244 INORG SAMPLE NO.: MD 8954  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN. LABS.

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*  
>DATA REPORTED ON WET WEIGHT BASIS

RESULTS	UNITS	ELEMENT	STORET
1U	MG/KG	SILVER	01078
1U	MG/KG	ARSENIC	01003
100	MG/KG	BORON	01023
120	MG/KG	BARIUM	01008
0.5U	MG/KG	BERYLLIUM	01013
1.1	MG/KG	CADMIUM	01028
5U	MG/KG	COBALT	01038
3.7	MG/KG	CHROMIUM	01029
24	MG/KG	COPPER	01043
NA	MG/KG	MOLYBDENUM	01063
6.7	MG/KG	NICKEL	01068
51	MG/KG	LEAD	01053
2U	MG/KG	ANTIMONY	01098
1.9	MG/KG	SELENIUM	01148
2U	MG/KG	TIN	01103
NA	MG/KG	STRONTIUM	01083
NA	MG/KG	TELLURIUM	45513
NA	MG/KG	TITANIUM	01153
1U	MG/KG	THALLIUM	34480
20U	MG/KG	VANADIUM	01088
NA	MG/KG	YTTRIUM	45514
58	MG/KG	ZINC	01093
NA	MG/KG	ZIRCONIUM	01163
0.02U	MG/KG	MERCURY	71921
930	MG/KG	ALUMINUM	01108
260	MG/KG	MANGANESE	01053
NA	MG/KG	CALCIUM	00917
NA	MG/KG	MAGNESIUM	00924
1200	MG/KG	IRON	01170
NA	MG/KG	SODIUM	00934
%	MG/KG	CHROMIUM, HEXAVALENT	
%	MG/KG	MOISTURE	70320

\*\*\*FOOTNOTES\*\*\*

- \*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*NAI-INTERFERENCES
- \*J-ESTIMATED VALUE      \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

11/02/82

METALS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

SAMPLE NO.: 82C2820 SAMPLE TYPE: SOIL

PROJECT NO.: 82-1318 PROGRAM ELEMENT: NSF  
SOURCE: SAU SITE TROUSDALE RD.  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CS-6  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1305  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST: MAW  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO: D 1243 INORG SAMPLE NO.: MD 8953  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN. LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*  
>DATA REPORTED ON WET WEIGHT BASIS

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	ELEMENT	STORET
1U	MG/KG	SILVER	01078
1U	MG/KG	ARSENIC	01003
10U	MG/KG	BORON	01023
22	MG/KG	BARIUM	01008
0.5U	MG/KG	BERILLIUM	01013
0.5	MG/KG	CADMIUM	01028
SU	MG/KG	COBALT	01038
2.6	MG/KG	CHROMIUM	01029
SU	MG/KG	COPPER	01043
NA	MG/KG	MOLYBDENUM	01063
4U	MG/KG	NICKEL	01068
0.5U	MG/KG	LEAD	01052
2U	MG/KG	ANTIMONY	01098
2.0	MG/KG	SELENIUM	01148
2U	MG/KG	TIN	01103
NA	MG/KG	STRONTIUM	01083
NA	MG/KG	TELLURIUM	45513
NA	MG/KG	TITANIUM	01153
1U	MG/KG	THALLIUM	34480
20U	MG/KG	VANADIUM	01088
NA	MG/KG	YTTRIUM	45514
4.1	MG/KG	ZINC	01093
NA	MG/KG	ZIRCONIUM	01163
0.02U	MG/KG	MERCURY	71921
2100	MG/KG	ALUMINUM	01108
130	MG/KG	MANGANESE	01053
NA	MG/KG	CALCIUM	00917
420	MG/KG	MAGNESIUM	00924
NA	MG/KG	IRON	01170
NA	MG/KG	SODIUM	00934
%	MG/KG	CHROMIUM, HEXAVALENT	
%		MOISTURE	70320

\*\*\*FOOTNOTES\*\*\*

- \*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES
- \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD-REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

11/02/82

METALS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO. 1 82C2825 SAMPLE TYPE SOIL

PROJECT NO.: 82-131H PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE THROUSDALE RD.  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CS-7  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1400  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST: MAW  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO: D 1279 INORG SAMPLE NO.: MU 8958  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN. LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

>DATA REPORTED ON WET WEIGHT BASIS

RESULTS	UNITS	ELEMENT	STORET
10	MG/KG	SILVER	01078
10	MG/KG	ARSENIC	01003
100	MG/KG	BORON	01023
30	MG/KG	BARIUM	01008
0.5U	MG/KG	BERYLLOIUM	01013
1.0	MG/KG	CAUIMIUM	01028
5U	MG/KG	CUBALT	01038
3.3	MG/KG	CHROMIUM	01029
5U	MG/KG	COPPER	01043
NA	MG/KG	MOLYBDENUM	01063
4U	MG/KG	NICKEL	01068
38	MG/KG	LEAD	01052
2U	MG/KG	ANTIMONY	01098
3.2	MG/KG	SELENIUM	01148
2U	MG/KG	TIN	01103
NA	MG/KG	STRONTIUM	01083
NA	MG/KG	TELLURIUM	45513
NA	MG/KG	TITANIUM	01153
1U	MG/KG	THALLIUM	34480
20U	MG/KG	VANADIUM	01088
NA	MG/KG	YTTRIUM	45514
18	MG/KG	ZINC	01093
NA	MG/KG	ZIRCONIUM	01163
0.02U	MG/KG	MERCURY	71921
1800	MG/KG	ALUMINUM	01108
240	MG/KG	MANGANESE	01053
NA	MG/KG	CALCIUM	00917
NA	MG/KG	MAGNESIUM	00924
500	MG/KG	IRON	01170
NA	MG/KG	SODIUM	00934
%	MG/KG	CHROMIUM, HEXAVALENT	
%	MG/KG	MOISTURE	70320

\*\*\*\*\*FOOTNOTES\*\*\*

- \*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*NAI-INTERFERENCES
- \*J-ESTIMATED VALUE      \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD-REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

11/02/82

METALS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: B2C2B26 SAMPLE TYPE: SOIL

PROJECT NO.: 82-1318 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE THOUSUALE HD.  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CS-85  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1430  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST: MAW  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO: D 1280 INORG SAMPLE NO.: MD 8959  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY Mtn AN. LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

>DATA REPORTED ON WET WEIGHT BASIS

\*\*\*\*\*FOOTNOTES\*\*\*

- \*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES
- \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

RESULTS	UNITS	ELEMENT	STORET
1U	MG/KG	SILVER	01078
1U	MG/KG	ARSENIC	01003
100	MG/KG	BORON	01023
25	MG/KG	BARIUM	01008
0.5U	MG/KG	BERYLLIUM	01013
1.1	MG/KG	CADMIUM	01028
5U	MG/KG	COBALT	01038
6.5	MG/KG	CHROMIUM	01029
9.6	MG/KG	COPPER	01043
NA	MG/KG	MOLYBDENUM	01063
5.2	MG/KG	NICKEL	01068
17	MG/KG	LEAD	01052
2U	MG/KG	ANTIMONY	01098
3.1	MG/KG	SELENIUM	01148
2U	MG/KG	TIN	01103
NA	MG/KG	STHONTIUM	01083
NA	MG/KG	TELLURIUM	45513
NA	MG/KG	TITANIUM	01153
1U	MG/KG	THALLIUM	34480
200	MG/KG	VANADIUM	01088
NA	MG/KG	YTTRIUM	45514
41	MG/KG	ZINC	01093
NA	MG/KG	ZIRCONIUM	01163
0.02U	MG/KG	MERCURY	71921
2900	MG/KG	ALUMINUM	01108
230	MG/KG	MANGANESE	01053
NA	MG/KG	CALCIUM	00917
NA	MG/KG	MAGNESIUM	00924
1700	MG/KG	IRON	01170
NA	MG/KG	SODIUM	00934
NA	MG/KG	CHROMIUM, HEXAVALENT	70320
%		MOISTURE	



SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

EPA-FSO REGIV

ATHENS GEORGIA

12/15/82 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS

DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 82C2819 SAMPLE TYPE: SOIL

PROJECT NO.: 82-1318 PROGRAM ELEMENT: NSF

SOURCE: SAID SITE IRRUSALLE RD CITY: NASHVILLE STATE: TN

STATION ID: SS-CS-2  
SINTERISATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1250  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0000

COLLECTED BY: CM WILSON RECEIVED FROM: REC'D BY:  
SAMPLE REC'D DATE/TIME 00/00/00 0000  
SEALED:

CHEMICAL CHH  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO.: 01242 INORG SAMPLE NO.: MD 8952  
CONTRACT LABORATORY(ORGANIC): ROCKY Mtn AN. LABS

REMARK: ORG SAMPLES SHIPPED BY FFD EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE JUG VERIFIED BY: DLC DATA VERIFIED BY: CHH  
\*\*\*REMARKS\*\*\*  
ALL DATA SUSPECT BASED ON AC DATA.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS

UNITS C34PJDNU

UG/KG AUDRIN

UG/KG HEPACHLOR

UG/KG HEPACHLOR EPUXIDE

UG/KG ALPHACHLOR

UG/KG BETA-CHLOR

UG/KG GAMMA-CHLOR (LINDANE)

UG/KG DELTA-CHLOR

UG/KG ENDOSULFAN I (ALPHA)

UG/KG DIFLUORIN

UG/KG 4,4'-DUT (P,P'-DDT)

UG/KG 4,4'-ODE (P,P'-DDO)

UG/KG 4,4'-DDD (P,P'-DDD)

UG/KG ENDRIN

UG/KG ENDOSULFAN II (BETA)

UG/KG ENDOSULFAN SULFATE

UG/KG CHLORDANE (TECHN. MIXTURE) /1

UG/KG 1,242 (AROCLOC 1242)

UG/KG 1,254 (AROCLOC 1254)

UG/KG 1,251 (AROCLOC 1251)

UG/KG 1,232 (AROCLOC 1232)

UG/KG 1,244 (AROCLOC 1244)

UG/KG 1,261 (AROCLOC 1261)

UG/KG 1,1016 (AROCLOC 1016)

UG/KG EXKAPHENE

UG/KG EXKAPHEN ALDEHYDE

UG/KG TUDOR(DIOXIN)

UG/KG CHLORODENE /2

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

EPA-ESD-HFC-IV  
ATHENS, GEORGIA

12/15/82 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS

DATA REPORTING SHEET

SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 82C2824 SAMPLE TYPE: SOIL

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STORED
100	UG/KG	ALDRIN	39343
100	UG/KG	HEPTACHLOR	39413
100	UG/KG	HEPTACHLOR EPOXIDE	39423
100	UG/KG	ALDHA-URC	39076
100	UG/KG	RETACHLOR	34257
100	UG/KG	GAMMA-BHC (LINDANE)	39343
100	UG/KG	DETA-BHC	34262
100	UG/KG	ENDOSULFAN I (ALPHA)	34364
100	UG/KG	DIELDRIN	39363
100	UG/KG	4,4'-DDT (P,P'-DDT)	39301
100	UG/KG	4,4'-DDT (P,P'-DDO)	39321
100	UG/KG	ENDRIN	3931
100	UG/KG	ENDOSULFAN II (BETA)	39393
100	UG/KG	ENDOSULFAN SULFATE	39354
100	UG/KG	CHLORANE (TECH. MIXTURE)	39351
100	UG/KG	PCP-1242 (CARCUCUR 1242)	39449
100	UG/KG	PCP-1254 (CARCUCUR 1254)	39507
100	UG/KG	PCP-1221 (CARCUCUR 1221)	39491
100	UG/KG	PCP-1232 (CARCUCUR 1232)	39495
100	UG/KG	PCP-1249 (CARCUCUR 1249)	39503
100	UG/KG	PCP-1260 (CARCUCUR 1260)	39511
100	UG/KG	PCP-1016 (CARCUCUR 1016)	39514
100	UG/KG	TYAPHENONE	39493
100	UG/KG	TENRIN ALDEHYDE	39493
200	UG/KG	CHLORDIOXIN	34679
NA	UG/KG	CHLORDENE /2	61765
NA	UG/KG	ALPHA-CHLORDENE /2	
NA	UG/KG	GAU-M-CHLORDENE /2	
NA	UG/KG	1,4-DIHYDROXYCHLORDENE /2	
NA	UG/KG	GAU-M-CHLORDANE /2	
NA	UG/KG	1,4-DIHYDROXYCHLORDANE /2	
NA	UG/KG	ALPHACHLORANE /2	
NA	UG/KG	TRANS-NONACHLOR /2	
NA	UG/KG	ALPHACHLORANE /2	
NA	UG/KG	CIS-NONACHLOR /2	
*	UG/KG	METHOXYCHLOR	
*	UG/KG	METHOXYCHLOR	
*	UG/KG	METHOXYCHLOR	

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
 \*AVERAGE VALUE AND NOT ANALYZED \*N/A=INTERFERENCES  
 \*J=ESTIMATED VALUE \*N=PREUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL.  
 \*K=ACTUAL VALUE IS KNOWN TO REFLECTS THAN VALUE GIVEN  
 \*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM DETECTION LIMIT  
 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.  
 2. CONSTITUENTS OF TECHNICAL CHLORDANE.

DATE: 05/20

PROJECT #: H2-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE STATE: TN

STATION: SP4-S/S SPRING 4/5

EXTRACTABLE OIL IC ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

EPA-S RGN. IV  
ATHENS, GA

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644  
SAMPLE START(DATE & TIME): 05/18/82 1405  
SAMPLE STOP(DATE & TIME): 00/00/00 0  
CHEMIST: E.W. Loy, Jr. COMPLETED 6-25-82

SAMPLE TYPE: SEDIM

SAD NO.: 82C1442

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
N-NITROSOUIMETHYLAMINE			BENZO(A)ANTHRACENE	34529	5000U UG/KG
1,2-DIPHENYLHYDRAZINE /8	34441	NA UG/KG	CHRYSENE	34323	5000U UG/KG
BENZIDINE	34349	NA UG/KG	3+3'-DICHLOROBENZIUDINE	34634	5000U UG/KG
1,3-DICHLOROBENZENE	39121	NA UG/KG	DI-N-OCTYLPHthalATE	34599	5000U UG/KG
1,4-DICHLOROBENZENE	34569	5000U UG/KG	HENZO(8)FLUORANTHENE /10	34233	5000U UG/KG
1,2-DICHLOROBENZENE	34574	5000U UG/KG	HENZO(K)FLUORANTHENE /10	34245	5000U UG/KG
BIS(2-CHLOROETHYL) ETHER	34539	5000U UG/KG	HENZO-A-PYRENE	34250	5000U UG/KG
HEXACHLOROETHANE	34276	5000U UG/KG	INDENO (1,2,3-C) PYRENE	34406	5000U UG/KG
HIS(2-CHLOROISOPROPYL) ETHER	34399	5000U UG/KG	DIHENZO(A,H)ANTHRACENE	34559	5000U UG/KG
N-NITROSOUI-N-PROPYLAMINE	34286	5000U UG/KG	HENZO(GHI)PERYLENE	34524	5000U UG/KG
NITROBENZENE	34431	5000U UG/KG	2-CHLOROPHENOL	34589	5000U UG/KG
HEXACHLOROBUTADIENE	34450	5000U UG/KG	2-NITROPHENOL	34594	5000U UG/KG
1,2,4-TRICHLOROBENZENE	39705	5000U UG/KG	PHENOL	34695	5000U UG/KG
NAPHTHALENE	34554	5000U UG/KG	2,4-DIMETHYLPHENOL	34609	5000U UG/KG
BIS(2-CHLOROETHOXYS) METHANE	34445	5000U UG/KG	2,4-DICHLOROPHENOL	34604	5000U UG/KG
ISOPHORONE	34281	5000U UG/KG	2,4,6-TRICHLOROPHENOL	34624	5000U UG/KG
HEXACHLOROCYCLOPENTADIENE (HCCP)	34411	5000U UG/KG	4-CHLORO-3-METHYLPHENOL	34455	5000U UG/KG
2-CHLORONAPHTHALENE	34389	5000U UG/KG	2,4-DINITROPHENOL	34619	5100U UG/KG
ACENAPHTHYLENE	34584	5000U UG/KG	2-METHYL-4,6-DINITROPHENOL	34660	5100U UG/KG
ACENAPHTHENE	34203	5000U UG/KG	PENTACHLOROPHENOL	39061	5100U UG/KG
DIMETHYL PHTHALATE	34208	5000U UG/KG	4-NITROPHENOL	34649	5000U UG/KG
2,4-DINITROTOLUENE	34344	5000U UG/KG	% MOISTURE	70320	26
2,6-DINITROTOLUENE	34614	5000U UG/KG			UG/KG
4-CHLOROPHENYL PHENYL ETHER	34629	5000U UG/KG			UG/KG
FLUORENE	34644	5000U UG/KG			UG/KG
DIETHYL PHTHALATE	34384	5000U UG/KG			UG/KG
N-NITROSODIPHENYLAMINE /4	34339	5000U UG/KG			UG/KG
HEXACHLOROBENZENE (HCH)	34436	5000U UG/KG			UG/KG
4-BROMOPHENYL PHENYL ETHER	39701	5000U UG/KG			UG/KG
PHENANTHRENE	34639	5000U UG/KG			UG/KG
ANTHRACENE	34464	5000U UG/KG			UG/KG
DI-n-BUTYLPHthalATE	34223	5000U UG/KG			UG/KG
FLUORANTHENE	39112	5000U UG/KG			UG/KG
PYRENE	34379	5000U UG/KG			UG/KG
HENZYL-BUTYL PHTHALATE	34472	5000U UG/KG			UG/KG
1,6-2-ETHYLHEXYL PHTHALATE	34295	5000U UG/KG			UG/KG
	39102	5000U UG/KG			UG/KG

NOTES: 1) J-ESTIMATED VALUE  
2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
4) M-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
5) N-COMPONENT NOT ANALYZED FOR.

- 5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
  - 6) A-AVERAGE VALUE
  - 7) AND/OR AZUHENZENE
  - 8) AND/OR DIPHENYLAMINE
  - 9) BENZO(B)FLUORANTHENE AND/OR BENZO(K)FLUORANTHENE

280217

DATE: 05/27/82

PROJECT #: 82-131

PROG ELEMENT #: NSF

SOURCE: SAU SITE

CITY: NASHVILLE

STATE: TN

STATION: 1-2/S INU. AREA CHEK

**EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORT SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)**

EPA-SAU-NIN-IV  
ATHENS

SAU NO.: 82C1434

SAMPLE RECEIVED DATE &amp; TIME: 05/21/82 1644

SAMPLE START DATE &amp; TIME: 05/18/82 1250

SAMPLE STOP DATE &amp; TIME: 05/20/82 0

CHEMIST: E.W. Loy, Jr. COMPLETED 6-28-82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
N-NITROSODIMETHYLAMINE	34441	NA	UG/KG	34529	1,400J UG/KG
1,2-DIPHENYLHYDRAZINE	34349	NA	UG/KG	34323	1,400J UG/KG
1,3-DICHLOROBENZENE	34121	UG/KG	*	34634	1,400J UG/KG
1,4-DICHLOROBENZENE	34569	UG/KG	*	34599	1,400J UG/KG
1,2-DICHLOROBENZENE	34574	UG/KG	*	34233	1,400J UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	34539	UG/KG	*	34245	1,400J UG/KG
N-NITROSDI-N-PROPYLAMINE	34250	UG/KG	*	34250	1,400J UG/KG
NITROBENZENE	34400	UG/KG	*	34406	1,400J UG/KG
HEXAChLOROBUTADIENE	34399	UG/KG	*	34559	1,400J UG/KG
1,2,4-TRICHLOROBENZENE	34286	UG/KG	*	34604	2,500J UG/KG
NAPHTHALENE	34281	UG/KG	*	34524	2,500J UG/KG
BIS(2-CHLOROETHoxy) METHANE	34411	UG/KG	*	34589	1,400J UG/KG
ISOPHORONE	34400	UG/KG	*	34594	1,400J UG/KG
HEXAChLOROCYCLOPENTADIENE (HCCP)	34389	UG/KG	*	34695	1,400J UG/KG
2-CHLORONAPHTHALENE	34584	UG/KG	*	34609	1,400J UG/KG
ACENAPHTHYLENE	34203	UG/KG	*	34604	1,400J UG/KG
ACEINAPHTHENE	34208	UG/KG	*	34624	1,400J UG/KG
DIMETHYL PHthalATE	34344	UG/KG	*	34455	1,400J UG/KG
2,4-DINITROTOLUENE	34614	UG/KG	*	34619	42,000J UG/KG
2,6-DINITROTOLUENE	34629	UG/KG	*	34660	42,000J UG/KG
4-CHLOROPHENYL PHENYL ETHER	34644	UG/KG	*	39061	42,000J UG/KG
FLUORENE	34384	UG/KG	*	34649	28,000J UG/KG
DIETHYL PHthalATE	34339	UG/KG	*	70320	20
N-NITROSO-DIPHENYLAMINE	34436	UG/KG	*	-----	UG/KG
HEXACHLOROBENZENE (HCH)	39701	UG/KG	*	-----	UG/KG
4-BROMOPHENYL PHENYL ETHER	34639	UG/KG	*	-----	UG/KG
PHENANTHRENE	34464	UG/KG	*	-----	UG/KG
ANTHRACENE	34223	UG/KG	*	-----	UG/KG
DI-N-HYDROPHthalATE	34112	UG/KG	*	-----	UG/KG
FLUORANTHENE	34379	UG/KG	*	-----	UG/KG
PYRENE	34472	UG/KG	*	-----	UG/KG
BENZYL-BUTYL PHthalATE	34295	UG/KG	*	-----	UG/KG
BIS(2-ETHYLHEXYL) PHthalATE	39102	UG/KG	*	-----	UG/KG

6) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

7) A-AVERAGE VALUE

8) AND/OR AZURENENE

9) ANU/OR DIPHENYLAMINE

10) BENZO(I)FLUORANTHENE AND/OR BENZO(K)FLUORANTHENE

- NOTES: 1) J-ESTIMATED VALUE  
 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
 THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 5) NA-COMPONENT NOT ANALYZED FOR.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPANESO, REG IV  
ATHENS, GEORGIA

**EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)**

SOIL TYPE: 1A2C2B39 SAMPLE NO.: 1

PROJECT NO: 1 82-131A PROGRAM ELEMENT: NSF  
RESOURCE: SAID SITE: RO  
CITY: NASHVILLE STATE: TN

INTRODUCTION

SAMPLE COLLECTION! START DATE/TIME 09/16/82  
SAMPLE COLLECTION! STOP DATE/TIME 00/00/00  
0  
COLLECTED BY! GENE WILSON RECEIVED FROM!  
SAMPLE RECD! DATE/TIME 00/00/00 REC'D BY!  
SEALED!

CHEMISTI DGR

MEMORANDUM

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SAMPLE LOG VERS

REMARKS

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\*U-MATERIALS ANALYZED FOR, BUT NOT DETECTED. THE NUMBER IS

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

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DATE: 05/05/82

PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
WATER

EPA Region IV  
ATHENS, GA

PROJECT #: HZ-131 PROG ELEMENT #: NSF

SOURCE: SAU SITE

CITY: NASHVILLE

STATE: TN

STATION: PW-1W NEWMAN WELL

SAMPLE TYPE: DRKWA

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SAMPLE START(DATE &amp; TIME): 05/18/82 1330

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

CHEMIST: E.W. Loy, Jr. COMPLETED 6/16/82

SAD NO.: 82C1426

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS		
ALDRIN	39330	0.004U	UG/L	*	HEXAChLORONORBORNADIENE (HCNBD)	NA	UG/L
HEPTACHLOR	39410	0.001U	UG/L	*	HEPTACHLORONORBORNENE (HCNB)	NA	UG/L
HEPTACHLOR EPOXIDE	39420	0.001U	UG/L	*	OCTACHLOROCYCLOPENTENE (OCCP)	39130	UG/L
ALPHA-HHC	39337	0.001U	UG/L	*	HEXAChLOROBENZENE (HCB)	39700	UG/L
BETA-HHC	39338	0.001U	UG/L	*	2,4-D	39730	UG/L
GAMMA-BHC (LINDANE)	39340	0.001U	UG/L	*	SILVEX (2,4,5-TP)	39760	UG/L
DELTA-HHC	34259	0.001U	UG/L	*	2,4,5-T	39740	UG/L
ENDOSULFAN I (ALPHA)	34361	0.001U	UG/L	*	% MOISTURE	70320	UG/L
DIELDRIN	34380	0.001U	UG/L	*			UG/L
4,4'-DDT (P,P'-DDT)	39300	0.006U	UG/L	*			UG/L
4,4'-DDE (P,P'-DDE)	39320	0.006U	UG/L	*			UG/L
4,4'-DDD (P,P'-DDD)	39310	0.006U	UG/L	*			UG/L
ENDRIN	39390	0.006U	UG/L	*			UG/L
ENDOSULFAN II (BETA)	34356	0.006U	UG/L	*			UG/L
ENDOSULFAN SULFATE	34351	0.008U	UG/L	*			UG/L
CHLORDANE (TECH. MIXTURE)	39350	0.04U	UG/L	*			UG/L
PCB-1242 (AROCLOR 1242)	3496	0.01U	UG/L	*			UG/L
PCB-1254 (AROCLOR 1254)	39504	0.05U	UG/L	*			UG/L
PCB-1221 (AROCLOR 1221)	39488	0.01U	UG/L	*			UG/L
PCB-1232 (AROCLOR 1232)	39492	0.01U	UG/L	*			UG/L
PCB-1248 (AROCLOR 1248)	39500	0.01U	UG/L	*			UG/L
PCB-1260 (AROCLOR 1260)	39508	0.05U	UG/L	*			UG/L
PCB-1016 (AROCLOR 1016)	34671	0.01U	UG/L	*			UG/L
TOXAPHENE	39400	0.09U	UG/L	*			UG/L
ENDRIN ALDEHYDE	34366	NA	UG/L	*			UG/L
TCDD(TIOXIN)	34675	NA	UG/L	*			UG/L
CHLORDENE /8	77884	NA	UG/L	*			UG/L
ALPHA-CHLORDENE /8		NA	UG/L	*			UG/L
GAMMA-CHLORDENE /3		NA	UG/L	*			UG/L
I-HYDROXYCHLORDENE		NA	UG/L	*			UG/L
GAMMA-CHLORDANE /8	34810	NA	UG/L	*			UG/L
TRANS-NONACHLOR /6	39071	NA	UG/L	*			UG/L
ALPHA-CHLORDANE /8	39348	NA	UG/L	*			UG/L
CIS-NONACHLOR /8	39068	NA	UG/L	*			UG/L
METHOXICHLOR	39480	NA	UG/L	*			UG/L
HEXAChLOROCYCLOPENTADIENE (OCCP)	34386	NA	UG/L	*			UG/L

NOTES: 1) J-ESTIMATED VALUE

- 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
     THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 6) A-AVERAGE VALUE

7) NA-COMPONENT NOT ANALYZED FOR

8) CONSTITUENTS OF TECHNICAL CHLORDANE

2

8

0220

DATE: 05/27/82

PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
WATER

EPA-S RGN-IV  
ATHENS, GA

PROJECT #: P2-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE

STATE: TN

STATION: PW-2W LANKFORD WELL

SAMPLE TYPE: DRKWA

SAMPLE RECEIVED DATE &amp; TIME: 05/21/82 1644

SAMPLE START DATE &amp; TIME: 05/18/82 1400

SAMPLE STOP DATE &amp; TIME: 00/00/00 0

SAO NO.: 82C1427

CHEMIST: E.W. Loy, Jr. COMPLETED 6/16/82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS			
ALDRIN	39330	0.002U	UG/L	*	HEXACHLORONORBORNADIENE (HCNAU)	NA	UG/L	
HEPTACHLOR	39410	0.001U	UG/L	*	HEPTACHLORONORBORNENE (HCNB)	NA	UG/L	
HEPTACHLOR EPOXIDE	39420	0.001U	UG/L	*	OCTACHLOROCYCLOPENTENE (OCCP)	39130	NA	UG/L
ALPHA-BHC	39337	0.001U	UG/L	*	HEXAChLOROBENZENE (HCB)	39700	NA	UG/L
BETA-BHC	39338	0.001U	UG/L	*	2,4-D	39730	NA	UG/L
GAMMA-BHC (LINDANE)	39340	0.001U	UG/L	*	SILVEX (2,4,5-TP)	39760	NA	UG/L
DELTA-BHC	34259	0.001U	UG/L	*	2,4,5-T	39740	NA	UG/L
ENDOSULFAN I (ALPHA)	34361	0.001U	UG/L	*	% MOISTURE	70320	NA	
YIELDRIN	39380	0.001U	UG/L	*				UG/L
4,4'-DDT (P,P'-DDT)	39300	0.006U	UG/L	*				UG/L
4,4'-DDE (P,P'-DDE)	39320	0.006U	UG/L	*				UG/L
4,4'-DDD (P,P'-DDD)	39310	0.006U	UG/L	*				UG/L
ENDURIN	39390	0.006U	UG/L	*				UG/L
ENDOSULFAN II (BETA)	34356	0.006U	UG/L	*				UG/L
ENDOSULFAN SULFATE	34351	0.008U	UG/L	*				UG/L
CHLORDANE (TECH. MIXTURE)	39350	0.04U	UG/L	*				UG/L
PCB-1242 (AROCLOL 1242)	39496	0.01U	UG/L	*				UG/L
PCB-1254 (AROCLOL 1254)	39504	0.05U	UG/L	*				UG/L
PCB-1221 (AROCLOL 1221)	39488	0.01U	UG/L	*				UG/L
PCB-1232 (AROCLOL 1232)	39492	0.01U	UG/L	*				UG/L
PCB-1248 (AROCLOL 1248)	39500	0.01U	UG/L	*				UG/L
PCB-1260 (AROCLOL 1260)	39508	0.05U	UG/L	*				UG/L
PCB-1016 (AROCLOL 1016)	34671	0.01U	UG/L	*				UG/L
TOXAPHENE	39400	0.09U	UG/L	*				UG/L
ENDRIN ALDEHYDE	34366	NA	UG/L	*				UG/L
1,CCDD(DIOXIN)	34675	NA	UG/L	*				UG/L
CHLORDENE /B	77884	NA	UG/L	*				UG/L
ALPHA-CHLORDENE /B		NA	UG/L	*				UG/L
GAMMA-CHLORDENE /B		NA	UG/L	*				UG/L
1-HYDROXYCHLORDENE		NA	UG/L	*				UG/L
GAMMA-CHLORDANE /B	39810	NA	UG/L	*				UG/L
TRANS-NONACHLOR /B	39071	NA	UG/L	*				UG/L
ALPHA-CHLORDANE /B	39348	NA	UG/L	*				UG/L
CIS-NONACHLOR /B	39068	NA	UG/L	*				UG/L
METHOXYPHENE	39480	NA	UG/L	*				UG/L
HEXAChLOROCYCLOPENTADIENE (HCCP)	34386	NA	UG/L	*				UG/L

NOTES: 1) J-ESTIMATED VALUE

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

6) A-AVERAGE VALUE

7) NA-COMPONENT NOT ANALYZED FOR

8) CONSTITUENTS OF TECHNICAL CHLORDANE

2

CO

0221

DATE: 05/27/

PESTICIDES/PCH'S AND OTHER  
LORINATED COMPOUNDS  
DATA REPORT SHEET  
WATER

EPA-SAO, TSN. IV  
ATHENS

PROJECT #: 82-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE START(DATE &amp; TIME): 05/19/82 1200

CITY: NASHVILLE

STATE: TN

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

STATION: FH-W FRANKLIN BRICK

SAU NO.: H2C1435

CHEMIST: E.W. Loy, Jr. COMPLETED 6/16/82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
ALDRIN	39330	0.2U	HEXACHLORONORBORNADIENE (HCNB)		NA UG/L
HEPTACHLOR	39410	0.2U	HEPTACHLORONORBORNENE (HCNB)		NA UG/L
HEPTACHLOR EPoxide	39420	0.2U	OCTACHLOROCYCLOPENTENE (OCCP)	39130	NA UG/L
ALPHA-BHC	39337	0.2U	HEXACHLOROBENZENE (HCB)	39700	NA UG/L
BETA-BHC	39338	0.2U	2,4-D	39730	NA UG/L
GAMMA-BHC (LINDANE)	39340	0.2U	SILVEX (2,4,5-TP)	39760	NA UG/L
DELTA-BHC	34259	0.2U	2,4,5-T	39740	NA UG/L
ENDOSULFAN I (ALPHA)	34361	0.2U	* MOISTURE	70320	NA
DIELDRIN	39380	0.2U			UG/L
4,4'-DDT (P,P'-DDT)	39300	0.2U			UG/L
4,4'-DDE (P,P'-DDE)	39320	0.2U			UG/L
4,4'-DDD (P,P'-DDD)	39310	0.2U			UG/L
ENDURIN	39390	0.2U			UG/L
ENDOSULFAN II (BETA)	34356	0.2U			UG/L
ENDOSULFAN SULFATE	34351	0.1U			UG/L
CHLORDANE (TECH. MIXTURE)	34350	0.9U			UG/L
PCH-1242 (AROCLOR 1242)	39496	0.2U			UG/L
PCB-1254 (AROCLOR 1254)	39504	0.9U			UG/L
PCB-1221 (AROCLOR 1221)	39488	0.2U			UG/L
PCB-1232 (AROCLOR 1232)	39492	0.2U			UG/L
PCH-1248 (AROCLOR 1248)	39500	0.2U			UG/L
PCB-1260 (AROCLOR 1260)	39508	0.9U			UG/L
PCH-1016 (AROCLOR 1016)	34671	0.2U			UG/L
TOXAPHENE	39400	3U			UG/L
ENDPIN ALDEHYDE	34366	NA			UG/L
TCDD (DIOXIN)	34675	NA			UG/L
CHLORDENE /8	77884	NA			UG/L
ALPHA-CHLORDENE /8		NA			UG/L
GAMMA-CHLORDENE /8		NA			UG/L
1-HYDROXYCHLORDENE		NA			UG/L
GAMMA-CHLORDANE /8	39810	NA			UG/L
TRANS-NONACHLOR /8	39071	NA			UG/L
ALPHA-CHLORDANE /8	39348	NA			UG/L
CIS-NONACHLOR /8	39068	NA			UG/L
METHOXYSCHLOR	39480	NA			UG/L
HEXACHLOROCYCLOPENTADIENE (HCCP)	34386	NA			UG/L

- NOTES: 1) J-ESTIMATED VALUE  
 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED  
     THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 6) A-AVERAGE VALUE

- 7) NA-COMPOUND NOT ANALYZED FOR  
 8) CONSTITUENTS OF TECHNICAL CHLORDANE

DATE: 05/27/

PESTICIDES/PCB'S AND OTHER LORINATED COMPOUNDS  
DATA REPORTING SHEET  
WATER

EPA-SAY SN.IV  
ATHENS+

PROJECT #: H2-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE STATE: TN

STATION: LN-OS-W OIL SEPARATOR

SAMPLE TYPE: INDEF

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SAMPLE START(DATE &amp; TIME): 05/19/82 1020

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

CHEMIST: E.W. Loy, Jr. COMPLETED 6/16/82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS		
ALDRIN	39330	0.08U	UG/L	*	HEXACHLORONORBORNADIENE (HCNB)	NA	UG/L
HEPTACHLOR	39410	0.08U	UG/L	*	HEPTACHLORONORBORNENE (HCNB)	NA	UG/L
HEPTACHLOR EPoxide	39420	0.08U	UG/L	*	OCTACHLOROCYCLOPENTENE (OCCP)	39130	UG/L
ALPHA-BHC	39337	0.08U	UG/L	*	HEXACHLOROBENZENE (HCB)	39700	UG/L
BETA-BHC	39338	0.08U	UG/L	*	2,4-U	39730	UG/L
GAMMA-BHC (1 INUANE)	39340	0.08U	UG/L	*	SILVEX (2,4,5-TPI)	39760	UG/L
DELTA-BHC	34259	0.08U	UG/L	*	2,4,5-T	39740	UG/L
ENDOSULFAN I (ALPHA)	34361	0.08U	UG/L	*	% MOISTURE	70320	NA
DIELDRIN	39380	0.08U	UG/L	*			UG/L
4,4'-DDT (P,P'-DDT)	39300	0.1U	UG/L	*			UG/L
4,4'-DDE (P,P'-DDE)	39320	0.1U	UG/L	*			UG/L
4,4'-DDD (P,P'-DDD)	39310	0.1U	UG/L	*			UG/L
ENDURIN	39390	0.1U	UG/L	*			UG/L
ENDOSULFAN II (BETA)	34356	0.1U	UG/L	*			UG/L
ENDOSULFAN SULFATE	34351	0.05U	UG/L	*			UG/L
CHLORDANE (TECH. MIXTURE)	39350	0.2U	UG/L	*			UG/L
PCB-1242 (AROCLOR 1242)	39496	0.6U	UG/L	*			UG/L
PCB-1254 (AROCLOR 1254)	39504	0.4U	UG/L	*			UG/L
PCB-1221 (AROCLOR 1221)	39488	0.6U	UG/L	*			UG/L
PCB-1232 (AROCLOR 1232)	39492	0.6U	UG/L	*			UG/L
PCB-1248 (AROCLOR 1248)	39500	0.6U	UG/L	*			UG/L
PCB-1260 (AROCLOR 1260)	39508	0.4U	UG/L	*			UG/L
PCB-1016 (AROCLOR 1016)	34671	0.6U	UG/L	*			UG/L
TOXAPHENE	39400	2U	UG/L	*			UG/L
ENDURIN ALDEHYDE	34366	NA	UG/L	*			UG/L
TCDD(DIOXIN)	34675	NA	UG/L	*			UG/L
CHLORDENE /B	77884	NA	UG/L	*			UG/L
ALPHA-CHLORDENE /B		NA	UG/L	*			UG/L
GAMMA-CHLORDENE /B		NA	UG/L	*			UG/L
1-HYDROXYCHLORDENE		NA	UG/L	*			UG/L
GAMMA-CHLORDANE /B	39810	NA	UG/L	*			UG/L
TRANS-NONACHLOR /B	39071	NA	UG/L	*			UG/L
ALPHA-CHLORDANE /B	39348	NA	UG/L	*			UG/L
CIS-NONACHLOR /B	39068	NA	UG/L	*			UG/L
METHOXYSCHLOR	39480	NA	UG/L	*			UG/L
HEXACHLOROCYCLOPENTADIENE (HCCP)	34386	NA	UG/L	*			UG/L

NOTES: 1) J-ESTIMATED VALUE

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

6) A-AVERAGE VALUE

7) NA-COMPONENT NOT ANALYZED FOR  
8) CONSTITUENTS OF TECHNICAL CHLORDANE2  
8  
0223

DATE: 05/27/

PESTICIDES/PCB'S AND OTHER HALINATED COMPOUNDS  
DATA REPORTING SHEET  
WATER

EPA-SAC IN. IV  
ATLANTA, GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE START(DATE &amp; TIME): 05/18/82 1500

CITY: NASHVILLE

STATE: TN

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

STATION: S-7/W SPRING 7

SAU NO.: 82C1434

CHEMIST: E.W. Loy, Jr. COMPLETED 6/16/82

COMPOUND	STORE #	UNITS	COMPOUND	STORE #	UNITS	
ALDRIN	39330	0.08U	UG/L	*	HEXAChLORONORBORNADIENE (HICNB6)	NA UG/L
HEPTACHLOR	39410	0.08U	UG/L	*	HEPTACHLORONORBORNENE (HCBN8)	NA UG/L
HEPTACHLOR EPoxide	39420	0.08U	UG/L	*	OCTACHLOROCYCLOPENTENE (OCCP)	39130 NA UG/L
ALPHA-HHC	39337	0.08U	UG/L	*	HEXAChLOROBENZENE (HCB)	39700 NA UG/L
BETA-HHC	39338	0.08U	UG/L	*	2,4-U	39730 NA UG/L
GAMMA-BHC (1,INDANE)	39340	0.08U	UG/L	*	SILVEX (2,4,5-TP)	39760 NA UG/L
DELTA-HHC	34259	0.08U	UG/L	*	2,4,5-T	39740 NA UG/L
ENDOSULFAN I (ALPHA)	34361	0.08U	UG/L	*	% MOISTURE	70320 NA
DIELDRIN	39380	0.08U	UG/L	*		
4,4'-DDT (P,P'-DDT)	39300	0.1U	UG/L	*		
4,4'-DDE (P,P'-DDE)	39320	0.1U	UG/L	*		
4,4'-DDD (P,P'-DDD)	39310	0.1U	UG/L	*		
ENDRIN	39390	0.1U	UG/L	*		
ENDOSULFAN II (BETA)	34356	0.1U	UG/L	*		
ENDOSULFAN SULFATE	34351	0.05U	UG/L	*		
CHLORDANE (TECH. MIXTURE)	39350	0.2U	UG/L	*		
PCB-1242 (AROCLOL 1242)	39496	0.6U	UG/L	*		
PCB-1254 (AROCLOL 1254)	39504	0.4U	UG/L	*		
PCB-1221 (AROCLOL 1221)	39488	0.6U	UG/L	*		
PCB-1232 (AROCLOL 1232)	39492	0.6U	UG/L	*		
PCB-1248 (AROCLOL 1248)	39500	0.6U	UG/L	*		
PCB-1260 (AROCLOL 1260)	39508	0.4U	UG/L	*		
PCB-1016 (AROCLOL 1016)	34671	0.6U	UG/L	*		
TOXAPHENE	39400	2U	UG/L	*		
ENDRIN ALDEHYDE	34366	NA	UG/L	*		
TCDD(DIOXIN)	34675	NA	UG/L	*		
CHLORDENE /8	77884	NA	UG/L	*		
ALPHA-CHLORDENE /8		NA	UG/L	*		
GAMMA-CHLORDENE /8		NA	UG/L	*		
1-HYDROXYCHLORUENE		NA	UG/L	*		
GAMMA-CHLORDANE /8	39810	NA	UG/L	*		
TRANS-NONACHLOR /8	39071	NA	UG/L	*		
ALPHA-CHLORDANE /8	39348	NA	UG/L	*		
CIS-NONACHLOR /8	39068	NA	UG/L	*		
METHOXYSCHLOR	39480	NA	UG/L	*		
HEXAChLOROCYCLOPENTADIENE (HCCP)	34386	NA	UG/L	*		

NOTES: 1) J-ESTIMATED VALUE

- 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.
- 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED  
THE NUMBER IS THE MINIMUM DETECTION LIMIT.
- 5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- 6) A-AVERAGE VALUE

7) NA-COMPOUND NOT ANALYZED FOR  
8) CONSTITUENTS OF TECHNICAL CHLORDANE

DATE: 05/27/82

PESTICIDES/PCB'S AND OTHER  
DATA REPORTING SHEET  
WATER

EPA-SAU 1.IV  
ATHENS, GA

PROJECT #: A2-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SOURCE: SAU SITE

SAMPLE START(DATE &amp; TIME): 05/18/82 1435

CITY: NASHVILLE

STATE: TN

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

STATION: S-6.1/W SPRING 6.1

SAD NO.: H2C1433

CHEMIST: E.H. Loy, Jr. COMPLETED 6/16/82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
ALDRIN	39330	0.08U UG/L	HEXACHLORONONOBORNADIENE (HCNB)	NA	UG/L
HEPTACHLOR	39410	0.08U UG/L	HEPTACHLORONONOBORNENE (HCNB)	NA	UG/L
HEPTACHLOR EPOXIDE	39420	0.01U UG/L	OCTACHLOROCYCLOPENTENE (OCCP)	39130	UG/L
ALPHA-BHC	39337	0.01U UG/L	HEXACHLOROBENZENE (HCH)	39700	UG/L
BETA-BHC	39338	0.08U UG/L	2,4-U	39730	UG/L
GAMMA-BHC (LINDANE)	39340	0.01U UG/L	SILVEX (2,4,5-TP)	39760	UG/L
DELTA-BHC	34259	0.08U UG/L	2,4,5-T	39740	UG/L
ENDOSULFAN I (ALPHA)	34361	0.01U UG/L	% MOISTURE	70320	NA
DIELDRIN	39380	0.01U UG/L			UG/L
4,4'-DDT (P,P'-DDT)	39300	0.04U UG/L			UG/L
4,4'-DDE (P,P'-DDE)	39320	0.04U UG/L			UG/L
4,4'-DDD (P,P'-DDD)	39310	0.04U UG/L			UG/L
ENDURIN	39390	0.04U UG/L			UG/L
ENDOSULFAN II (BETA)	34356	0.04U UG/L			UG/L
ENDOSULFAN SULFATE	34351	0.05U UG/L			UG/L
CHLORDANE (TECH. MIXTURE)	39350	0.02U UG/L			UG/L
PCB-1242 (AROCLOL 1242)	39496	0.1U UG/L			UG/L
PCB-1254 (AROCLOL 1254)	39504	0.4U UG/L			UG/L
PCB-1221 (AROCLOL 1221)	39488	0.1U UG/L			UG/L
PCH-1232 (AROCLOL 1232)	39492	0.1U UG/L			UG/L
PCH-1248 (AROCLOL 1248)	39500	0.1U UG/L			UG/L
PCB-1260 (AROCLOL 1260)	39508	0.4U UG/L			UG/L
PCB-1016 (AROCLOL 1016)	34671	0.1U UG/L			UG/L
TUXAPHENE	39400	1U UG/L			UG/L
ENDRIN ALDEHYDE	34366	NA UG/L			UG/L
TCDD(DIOXIN)	34675	NA UG/L			UG/L
CHLORDENE /B	77884	NA UG/L			UG/L
ALPHA-CHLORDENE /B		NA UG/L			UG/L
GAMMA-CHLORDENE /B		NA UG/L			UG/L
1-HYDROXYCHLORDENE		NA UG/L			UG/L
GAMMA-CHLORDANE /B	39810	NA UG/L			UG/L
TRANS-NONACHLOR /B	3901	NA UG/L			UG/L
ALPHA-CHLORDANE /B	39348	NA UG/L			UG/L
CIS-NONACHLOR /B	39068	NA UG/L			UG/L
METHOXYSCHLOR	39480	NA UG/L			UG/L
HEXACHLOROCYCLOPENTADIENE (HCCP)	34385	NA UG/L			UG/L

NOTES: 1) J-ESTIMATED VALUE

- 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.
- 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED  
THE NUMBER IS THE MINIMUM DETECTION LIMIT.
- 5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- 6) A-AVERAGE VALUE

7) NA-COMPOUND NOT ANALYZED FOR

8) CONSTITUENTS OF TECHNICAL CHLORDANE

DATE: 05/27/82

PESTICIDES/PCB'S AND OTHER POLYCHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
WATER

EPA-SAU-1 .IV  
ATHENS, GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE TYPE: AMBWA

SAMPLE START(DATE &amp; TIME): 05/18/82 1315

CITY: NASHVILLE

STATE: TN

SAMPLE STOP(DATE &amp; TIME): 00/00/00 00

STATION: S-2/W SPRING S-2

SAU NO.: 82C1430

CHEMIST: E.W. Joy, Jr. COMPLETED 6/16/82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
ALDRIN	39330	0.03U UG/L	HEXACHLORONORBORNADIENE (HCNB)	NA	UG/L
HEPTACHLUR	39410	0.03U UG/L	HEPTACHLORONORBORNENE (HCNB)	NA	UG/L
HEPTACHLOR EPoxide	39420	0.03U UG/L	OCTACHLOROCYCLOPENTENE (OCCP)	39130	UG/L
ALPHA-BHC	39337	0.03U UG/L	HEXACHLOROBENZENE (HCB)	39700	UG/L
BETA-BHC	39338	0.08U UG/L	2,4-U	39730	UG/L
GAMMA-BHC (1 INDANE)	39340	0.03U UG/L	SILVEX (2,4,5-T)	39760	UG/L
DELTA-BHC	34259	0.03U UG/L	2,4,5-T	39740	UG/L
ENDOSULFAN I (ALPHA)	34361	0.03U UG/L	% MOISTURE	70320	NA
HELDHRIN	39380	0.03U UG/L			UG/L
4,4'-DDT (P,P'-DDT)	39300	0.08U UG/L			UG/L
4,4'-DDE (P,P'-DDE)	39320	0.08U UG/L			UG/L
4,4'-DDD (P,P'-DDD)	39310	0.08U UG/L			UG/L
ENDRIN	39390	0.08U UG/L			UG/L
ENDOSULFAN II (BETA)	34356	0.08U UG/L			UG/L
ENDOSULFAN SULFATE	34351	0.1U UG/L			UG/L
CHLORDANE (TECH. MIXTURE)	39350	0.3U UG/L			UG/L
PCB-1242 (AHOCLOR 1242)	39496	0.5U UG/L			UG/L
PCB-1254 (AHOCLOR 1254)	39504	0.9U UG/L			UG/L
PCB-1221 (AHOCLOR 1221)	39488	0.5U UG/L			UG/L
PCB-1232 (AHOCLOR 1232)	39492	0.5U UG/L			UG/L
PCB-1248 (AHOCLOR 1248)	39500	0.5U UG/L			UG/L
PCB-1260 (AHOCLOR 1260)	39508	0.9U UG/L			UG/L
PCR-1016 (AHOCLOR 1016)	34671	0.5U UG/L			UG/L
TOXAPHENE	39400	2U UG/L			UG/L
ENDRIN ALDEHYDE	34366	NA UG/L			UG/L
TCDD (DIOXIN)	34675	NA UG/L			UG/L
CHLORDENE /8	77884	NA UG/L			UG/L
ALPHA-CHLORUENE /8		NA UG/L			UG/L
GAMMA-CHLORDENE /8		NA UG/L			UG/L
1-HYDROXYCHLORDENE		NA UG/L			UG/L
GAMMA-CHLORDANE /8	39810	NA UG/L			UG/L
TRANS-NONACHLOR /8	39071	NA UG/L			UG/L
ALPHA-CHLORDANE /8	39344	NA UG/L			UG/L
CIS-NONACHLOR /8	39068	NA UG/L			UG/L
METHOXYPHOR	39480	NA UG/L			UG/L
HEXACHLOROCYCLOPENTADIENE (HCCP)	34386	NA UG/L			UG/L

- NOTES: 1) J-ESTIMATED VALUE  
 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED  
     THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 6) A-AVERAGE VALUE

- 7) NA-COMPOUND NOT ANALYZED FOR  
 8) CONSTITUENTS OF TECHNICAL CHLORDANE

2  
8  
0226

DATE: 05/27/82

PESTICIDES/PCB'S AND OTHER  
ORINATED COMPOUNDS  
DATA REPORTING SHEET  
WATER

EPA-SAU 4.1V  
ATHENS, GA

PROJECT #: H2-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE TYPE: AMBWA

SAMPLE START(DATE &amp; TIME): 05/18/82 1340

CITY: NASHVILLE

STATE: TN

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

STATION: S-3.1/W SPRING S-3

SAD NO.: 82C1431

CHEMIST: E.W. Loy, Jr. COMPLETED 6/16/82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS		
ALDRIN	39330	0.006U	UG/L	*	HEXAChLOROBORNADIENE (HCNB)	NA	UG/L
HEPTACHLOR	39410	0.006U	UG/L	*	HEPTACHLOROBORNENE (HCNB)	NA	UG/L
HEPTACHLOR EPoxide	39420	0.006U	UG/L	*	OCTACHLOROCYCLOPENTENE (OCCP)	39130	UG/L
ALPHA-BHC	39337	0.006U	UG/L	*	HEXAChLOROBENZENE (HCB)	39700	UG/L
BETA-BHC	39338	0.006U	UG/L	*	2,4-D	39730	UG/L
GAMMA-BHC (LINDANE)	39340	0.006U	UG/L	*	SILVEX (2,4,5-TP)	39760	UG/L
DELTA-BHC	34259	0.006U	UG/L	*	2,4,5-T	39740	UG/L
ENDOSULFAN I (ALPHA)	34361	0.006U	UG/L	*	% MOISTURE	70320	NA
HELDERIN	39380	0.006U	UG/L	*			UG/L
4,4'-DDT (P,P'-DDT)	39300	0.006U	UG/L	*			UG/L
4,4'-DDE (P,P'-DDE)	39320	0.006U	UG/L	*			UG/L
4,4'-DDD (P,P'-DDD)	39310	0.006U	UG/L	*			UG/L
ENDRIN	39390	0.006U	UG/L	*			UG/L
ENDOSULFAN II (BETA)	34356	0.006U	UG/L	*			UG/L
ENDOSULFAN SULFATE	34351	0.009U	UG/L	*			UG/L
CHLORDANE (TECH. MIXTURE)	39350	0.05U	UG/L	*			UG/L
PCB-1242 (AROCLOR 1242)	39496	0.07U	UG/L	*			UG/L
PCB-1254 (AROCLOH 1254)	39504	0.07U	UG/L	*			UG/L
PCB-1221 (AROCLOR 1221)	39488	0.07U	UG/L	*			UG/L
PCB-1232 (AROCLOR 1232)	39492	0.07U	UG/L	*			UG/L
PCB-1248 (AROCLOH 1248)	39500	0.07U	UG/L	*			UG/L
PCB-1260 (AROCLOR 1260)	39508	0.07U	UG/L	*			UG/L
PCB-1016 (AROCLOH 1016)	34671	0.07U	UG/L	*			UG/L
TOXAPHENE	39400	0.08U	UG/L	*			UG/L
ENDRIN ALDEHYDE	34366	NA	UG/L	*			UG/L
TCDI(DIOXIN)	34675	NA	UG/L	*			UG/L
CHLORDENE /8	77884	NA	UG/L	*			UG/L
ALPHA-CHLORDENE /8		NA	UG/L	*			UG/L
GAMMA-CHLORDENE /8		NA	UG/L	*			UG/L
1-HYDROXYCHLORDENE		NA	UG/L	*			UG/L
GAMMA-CHLORDANE /8	39810	NA	UG/L	*			UG/L
TRANS-NONACHLOR /8	39071	NA	UG/L	*			UG/L
ALPHA-CHLORDANE /8	39348	NA	UG/L	*			UG/L
CIS-NONACHLOR /8	39068	NA	UG/L	*			UG/L
METHOXYSCHLOR	39480	NA	UG/L	*			UG/L
HEXAChLOROCYCLOPENTADIENE (HCCP)	34386	NA	UG/L	*			UG/L

NOTES: 1) J-ESTIMATED VALUE

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED  
THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

6) A-AVERAGE VALUE

7) NA-COMPOUND NOT ANALYZED FOR  
8) CONSTITUENTS OF TECHNICAL CHLORDANE

227

DATE: 05/27/82

PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING MEET  
WATER

EPA-SAU-RGN-IV  
ATHENS-G/

PROJECT #: 12-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE

STATE: TN

STATION: SP4-5/W SPRINGS 4/5

SAD NO.: 82C1432

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SAMPLE START(DATE &amp; TIME): 05/18/82 1405

SAMPLE STOP(DATE &amp; TIME): 06/00/00 0

CHEMIST: E.W. Loy, Jr. COMPLETED 6/16/82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
ALDRIN	39330	0.006U UG/L	* HEXACHLOROBORNADIENE (HCNB)	NA	UG/L
HEPTACHLOR	39410	0.006U UG/L	* HEPTACHLOROBORNENE (HCNB)	NA	UG/L
HEPTACHLOR EPoxide	39420	0.006U UG/L	* OCTACHLOROCYCLOPENTENE (OCCP)	39130	UG/L
ALPHA-BHC	39337	0.006U UG/L	* HEXACHLOROBENZENE (HCB)	39700	UG/L
BETA-BHC	39338	0.006U UG/L	* 2,4-D	39730	UG/L
GAMMA-BHC (INDANE)	39340	0.006U UG/L	* SILVEX (2,4,5-TP)	39760	UG/L
DELTA-BHC	39259	0.006U UG/L	* 2,4,5-T	39740	UG/L
ENDOSULFAN I (ALPHA)	34361	0.006U UG/L	* % MOISTURE	70320	NA
DIELDRIN	39380	0.006U UG/L			UG/L
4,4'-DDT (P,P'-DDT)	39300	0.006U UG/L			UG/L
4,4'-DDE (P,P'-DDE)	39320	0.006U UG/L			UG/L
4,4'-DDD (P,P'-DDD)	39310	0.006U UG/L			UG/L
ENDRIN	39390	0.006U UG/L			UG/L
ENDOSULFAN II (BETA)	34356	0.006U UG/L			UG/L
ENDOSULFAN SULFATE	34351	0.009U UG/L			UG/L
CHLORDANE (TECH. MIXTURE)	39350	0.05U UG/L			UG/L
PCB-1242 (AROCOLOR 1242)	39496	0.07U UG/L			UG/L
PCB-1254 (AROCOLOR 1254)	39504	0.07U UG/L			UG/L
PCB-1221 (AROCOLOR 1221)	39488	0.07U UG/L			UG/L
PCB-1232 (AROCOLOR 1232)	39492	0.07U UG/L			UG/L
PCB-1248 (AROCOLOR 1248)	39500	0.07U UG/L			UG/L
PCB-1260 (AROCOLOR 1260)	39508	0.07U UG/L			UG/L
PCB-1016 (AROCOLOR 1016)	34671	0.07U UG/L			UG/L
TOXAPHENE	39400	0.08U UG/L			UG/L
ENDRIN ALDEHYDE	34366	NA UG/L			UG/L
TCDD(DIOXIN)	34675	NA UG/L			UG/L
CHLORDENE /B	77884	NA UG/L			UG/L
ALPHA-CHLORDENE /B		NA UG/L			UG/L
GAMMA-CHLORDENE /B		NA UG/L			UG/L
1-HYDROXYCHLORDENE		NA UG/L			UG/L
GAMMA-CHLORDANE /B	39810	NA UG/L			UG/L
TRANS-NONACHLOR /B	39071	NA UG/L			UG/L
ALPHA-CHLORDANE /B	39348	NA UG/L			UG/L
CIS-NONACHLOR /B	39068	NA UG/L			UG/L
METHOXYCHLOR	39480	NA UG/L			UG/L
HEXAChLOROCYCLOPENTADIENE (HCCP)	34386	NA UG/L			UG/L

- NOTES: 1) J-ESTIMATED VALUE  
 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 4) M-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED  
     THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 6) A-AVERAGE VALUE

- 7) NA-COMPOUND NOT ANALYZED FOR  
 8) CONSTITUENTS OF TECHNICAL CHLORDANE

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0228

DATE: 05/21

PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
WATER

EPA-S. RGN.IV  
ATHENS, GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED (DATE &amp; TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE START (DATE &amp; TIME): 05/18/82 1250

CITY: NASHVILLE

STATE: TN

SAMPLE STOP (DATE &amp; TIME): 06/00/00 0

STATION: T-2/W IND. AREA CREEK

SAU NO.: 82C1429

CHEMIST: F.W. Lov. Jr. COMPLETED 6/16/82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS		
ALDRIN	39330	0.01U	UG/L	*	HEXAChLORoNORBORNADIENE (HCNBd)	NA	UG/L
HEPTACHLOR	39410	0.01U	UG/L	*	HEPTACHLORoNORBORNENE (HCNh)	NA	UG/L
HEPTACHLOR EPOXIDE	39420	0.01U	UG/L	*	OCTACHLOROCYCLOPENTENE (OCCP)	39130	UG/L
ALPHA-HHC	39337	0.01U	UG/L	*	HEXAChLORoHENZENE (HCH)	39700	UG/L
BETA-HHC	39338	0.01U	UG/L	*	2,4-D	39730	UG/L
GAMMA-BHC (LINDANE)	39340	0.01U	UG/L	*	SILVEX (2,4,5-TP)	39760	UG/L
DELTA-BHC	34259	0.01U	UG/L	*	2,4,5-T	39740	UG/L
ENDOSULFAN I (ALPHA)	34361	0.01U	UG/L	*	% MOISTURE	70320	NA
HELDRLIN	39380	0.01U	UG/L	*			UG/L
4,4'-DDT (P,P'-DDT)	39300	0.006U	UG/L	*			UG/L
4,4'-DDE (P,P'-DDE)	39320	0.006U	UG/L	*			UG/L
4,4'-DDD (P,P'-DDD)	39310	0.006U	UG/L	*			UG/L
ENDRIN	39390	0.006U	UG/L	*			UG/L
ENDOSULFAN II (BETA)	34356	0.006U	UG/L	*			UG/L
ENDOSULFAN SULFATE	34351	0.008U	UG/L	*			UG/L
CHLORDANE (TECH. MIXTURE)	39350	0.2U	UG/L	*			UG/L
PCB-1242 (AROCLOR 1242)	39496	0.1U	UG/L	*			UG/L
PCB-1254 (AROCLOR 1254)	39504	0.05U	UG/L	*			UG/L
PCB-1221 (AROCLOR 1221)	39488	0.1U	UG/L	*			UG/L
PCB-1232 (AROCLOR 1232)	39492	0.1U	UG/L	*			UG/L
PCB-1248 (AROCLOR 1248)	39500	0.1U	UG/L	*			UG/L
PCB-1260 (AROCLOR 1260)	39508	0.05U	UG/L	*			UG/L
PCB-1016 (AROCLOR 1016)	34671	0.1U	UG/L	*			UG/L
TUXAPHENE	39400	0.09U	UG/L	*			UG/L
ENDRIN ALDEHYDE	34366	NA	UG/L	*			UG/L
TCDD(DIOXIN)	34675	NA	UG/L	*			UG/L
CHLORDENE /8	77884	NA	UG/L	*			UG/L
ALPHA-CHLORDENE /8		NA	UG/L	*			UG/L
GAMMA-CHLORDENE /8		NA	UG/L	*			UG/L
1-HYDROXYCHLORDENE		NA	UG/L	*			UG/L
GAMMA-CHLORDANE /8	39810	NA	UG/L	*			UG/L
TRANS-NONACHLOR /8	39071	NA	UG/L	*			UG/L
ALPHA-CHLORDANE /8	39348	NA	UG/L	*			UG/L
CIS-NONACHLOR /8	39068	NA	UG/L	*			UG/L
METHOXYPHENOL	39480	NA	UG/L	*			UG/L
HEXAChLOROCYCLOPENTADIENE (HCCP)	34386	NA	UG/L	*			UG/L

NOTES: 1) J-ESTIMATED VALUE

- 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 4) M-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED  
    THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 6) A-AVERAGE VALUE

7) NA-COMPOUND NOT ANALYZED FOR

8) CONSTITUENTS OF TECHNICAL CHLORDANE

DATE: 05/27/82

PESTICIDES/PCBs AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
WATER

EPA-SAL GH.IV  
ATHENS, GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE

STATE: TN

STATION: BC/W BELOW CONFLUENCE

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SAMPLE TYPE: INDEF

SAMPLE START(DATE &amp; TIME): 05/18/82 1120

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

SAD NO.: 82C142B

CHEMIST: E.W. Loy, Jr. COMPLETED 6/16/82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
ALDRIN	39330	0.04U UG/L	HEXA-CHLORONORBORNADIENE (HCNHD)	NA	UG/L
HEPTACHLOR	39410	0.04U UG/L	HEPTACHLORONORBORNENE (HCNB)	NA	UG/L
HEPTACHLOR EPOXIDE	39420	0.04U UG/L	OCTACHLOROCYCLOPENTENE (UCCP)	39130	UG/L
ALPHA-BHC	39337	0.04U UG/L	HEXA-CHLOROBENZENE (HCB)	39700	UG/L
BETA-BHC	39338	0.04U UG/L	2,4-D	39730	UG/L
GAMMA-BHC (1,INDANE)	39340	0.04U UG/L	SILVEX (2,4,5-TP)	39760	UG/L
DELTA-BHC	34259	0.04U UG/L	2,4,5-T	39740	UG/L
ENDOSULFAN I (ALPHA)	34361	0.04U UG/L	% MOISTURE	70320	NA
DIELDRIN	39380	0.04U UG/L			UG/L
4,4'-DDT (P,P'-DDT)	39300	0.01U UG/L			UG/L
4,4'-DDE (P,P'-DDE)	39320	0.01U UG/L			UG/L
4,4'-DDD (P,P'-DDD)	39310	0.01U UG/L			UG/L
ENDRIN	39390	0.01U UG/L			UG/L
ENDOSULFAN II (BETA)	34356	0.01U UG/L			UG/L
ENDOSULFAN SULFATE	34351	0.01U UG/L			UG/L
CHLORDANE (TECH. MIXTURE)	39350	0.3U UG/L			UG/L
PCB-1242 (AROCLOR 1242)	39496	0.3U UG/L			UG/L
PCB-1254 (AROCLOR 1254)	39504	0.07U UG/L			UG/L
PCB-1221 (AROCLOR 1221)	39488	0.3U UG/L			UG/L
PCB-1232 (AROCLOR 1232)	39492	0.3U UG/L			UG/L
PCB-1248 (AROCLOR 1248)	39500	0.3U UG/L			UG/L
PCB-1260 (AROCLOR 1260)	39508	0.07U UG/L			UG/L
PCB-1016 (AROCLOR 1016)	34671	0.3U UG/L			UG/L
TOXAPHENE	39400	0.2U UG/L			UG/L
ENDRIN ALDEHYDE	34366	NA UG/L			UG/L
TCDD(DIOXIN)	34675	NA UG/L			UG/L
CHLORDENE /8	77884	NA UG/L			UG/L
ALPHA-CHLORDENE /8		NA UG/L			UG/L
GAMMA-CHLORDENE /8		NA UG/L			UG/L
1-HYDROXYCHLORDENE		NA UG/L			UG/L
GAMMA-CHLORDANE /8	39810	NA UG/L			UG/L
TRANS-NONACHLOR /8	39071	NA UG/L			UG/L
ALPHA-CHLORDANE /8	39348	NA UG/L			UG/L
CIS-NONACHLOR /8	39068	NA UG/L			UG/L
METHOXYPHENOL	39480	NA UG/L			UG/L
HEXACHLOROCYCLOPENTADIENE (HCCP)	34386	NA UG/L			UG/L

NOTES: 1) J-ESTIMATED VALUE

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED  
THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

6) A-AVERAGE VALUE

7) NA-COMPONENT NOT ANALYZED FOR

8) CONSTITUENTS OF TECHNICAL CHLORDANE

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DATE: 05/27/82

PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLU. (DRY WT)

EPA-SAD, RGN-IV  
ATHENS, GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE TYPE: INDSL

SAMPLE START(DATE &amp; TIME): 05/19/82 1130

CITY: NASHVILLE

STATE: TN.

SAMPLE STOP(DATE &amp; TIME): 06/06/00 0

STATION: LN-DL-S 2 DEGREES DRAINAGE

SAD NO.: 82C1446

CHEMIST: E.W. Lov Jr COMPLETED 6/16/82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
DICHLORODIFLUOROMETHANE	34334	NA UG/KG	isopropanol	10118	UG/KG
TRICHLORODIFLUOROMETHANE	34491	NA UG/KG	methyl ethyl ketone	5001N	UG/KG
ACROLEIN	34213	NA UG/KG	methyl isopropyl ketone	10118	UG/KG
ACRYLONITRILE	34218	NA UG/KG	methyl butyl ketone	3011N	UG/KG
CHLOROMETHANE	34421	10U UG/KG	methyl isobutyl ketone	3001N	UG/KG
BROMOMETHANE	34416	10U UG/KG	total unidentified alkyl hydrocarbons	68001	UG/KG
VINYL CHLORIDE	34495	10U UG/KG			UG/KG
CHLOROETHANE	34314	10U UG/KG			UG/KG
METHYLENE CHLORIDE	34426	10U UG/KG			UG/KG
1,1-DICHLOROETHYLENE	34504	10U UG/KG			UG/KG
1,1-DICHLOROETHANE	34499	290 UG/KG			UG/KG
TRANS-1,2-DICHLOROETHENE	34549	10U UG/KG			UG/KG
CHLOROFORM	34318	10U UG/KG			UG/KG
1,2-DICHLOROETHANE	34534	10U UG/KG			UG/KG
1,1,1-TRICHLOROETHANE	34509	450 UG/KG			UG/KG
CARBON TETRACHLORIDE	34299	10U UG/KG			UG/KG
BROMODICHLOROMETHANE	34330	10U UG/KG			UG/KG
1,2-DICHLOROPROPANE	34544	10U UG/KG			UG/KG
TRANS-1,3-DICHLOROPROPENE	34697	10U UG/KG			UG/KG
TRICHLOROETHENE	34487	4J UG/KG			UG/KG
BENZENE	34237	10U UG/KG			UG/KG
DIBROMOCHLOROMETHANE	34309	10U UG/KG			UG/KG
1,1,2-TRICHLOROETHANE	34514	10U UG/KG			UG/KG
CIS-1,3-DICHLOROPROPENE	34702	10U UG/KG			UG/KG
1-CHLOROETHYL VINYL ETHER	34579	10U UG/KG			UG/KG
BROMOFORM	34290	10U UG/KG			UG/KG
1,1,2,2-TETRACHLOROETHANE	34519	10U UG/KG			UG/KG
TETRACHLOROETHENE	34478	10U UG/KG			UG/KG
TOLUENE	34483	78 UG/KG			UG/KG
CHLOROBENZENE	34304	10U UG/KG			UG/KG
ETHYL BENZENE	34374	130 UG/KG			UG/KG
M-XYLENE		310 UG/KG			UG/KG
O&P-XYLENE (MIXED)		260 UG/KG			UG/KG
% MOISTURE	70320	25			

- NOTES: 1) J-ESTIMATED VALUE  
 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
     THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

- 6) A-AVERAGE VALUE  
 7) NA-COMPUND NOT ANALYZED FOR.

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Date: 05/27/82

PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING FORM  
SEWAGE/SOIL/SLUDGE (DRY wt)

SUBJECT #: 02-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

ITY: NASHVILLE STATE: TN

ATION: LN-OS-S OIL SEPARATOR

SAMPLE RECEIVED DATE & TIME: 05/21/82 1020  
SAMPLE START DATE & TIME: 05/19/82 0  
SAMPLE STOP DATE & TIME: 05/20/82 0  
SAL NO.: BC1445 CHEMIST: E.W. Loy, Jr. COMPLETION 6/16/82

COMPOUND	STORE #	UNITS	COMPOUND	STORE #	UNITS
1CHLORODIFLUOROMETHANE	34334	NA	-total unidentified alkyl hydrocarbons	1000J	UG/KG
1CHLOROFUOROMETHANE	34491	NA	-unidentified terpene	30J	UG/KG
CHOLEIN	34213	NA			UG/KG
CHYDROLITRILE	34218	NA			UG/KG
FLUOROMETHANE	34421	BU			UG/KG
FLUOROMETHANE	34416	BU			UG/KG
FLUOROMETHANE	34495	BU			UG/KG
FLUOROETHANE	34314	BU			UG/KG
METHYLENE CHLORIDE	34426	BU			UG/KG
1,1-DICHLOROETHYLENE	34504	BU			UG/KG
1,1-DICHLOROETHANE	34499	J			UG/KG
TRANS-1,2-DICHLOROETHENE	34549	BU			UG/KG
CHLOROFURM	34318	BU			UG/KG
1,2-DICHLOROETHANE	34534	BU			UG/KG
1,1,1-TRICHLOROETHANE	34509	J			UG/KG
CARBON TETRACHLORIDE	34299	BU			UG/KG
BROMODICHLOROMETHANE	34330	BU			UG/KG
1,2-DICHLOROPHOPANE	34544	BU			UG/KG
TRANS-1,3-DICHLOROPROPENE	34697	BU			UG/KG
TRICHLOROETHENE	34487	BU			UG/KG
HEXENE	34237	BU			UG/KG
DIBROMOCHLOROMETHANE	34309	BU			UG/KG
1,1,2-TRICHLOROETHANE	34514	BU			UG/KG
CIS-1,3-DICHLOROPROPENE	34702	BU			UG/KG
1-CHLOROETHYL VINYL ETHER	34579	BU			UG/KG
CHLOROFORM	34290	BU			UG/KG
1,1,2,2-TETRACHLOROETHANE	34519	BU			UG/KG
TETRACHLOROETHENE	34478	BU			UG/KG
TOLUENE	34483	BU			UG/KG
CHLOROBENZENE	34304	BU			UG/KG
ETHYL BENZENE	34374	BU			UG/KG
MXYLENE	34374	BU			UG/KG
OXYP-XYLENE (MIXED)	70320	36			UG/KG
% MOISTURE					

NOTES: 1) J-ESTIMATED VALUE

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

6) A-AVERAGE VALUE  
7) NA-COMPUND NOT ANALYZED FOR.

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DATE: 06/21/

PURGEABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (WET WT)

EPA-SAU 1.IV  
ATHENS, GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SOURCE: SAAD OIL COMPANY

CITY: NASHVILLE STATE: TN

STATION: D5000 STAINED SOIL SAMPLE

SAMPLE TYPE: SOIL

SAD NO.: 82C1635\*

SAMPLE RECEIVED(DATE &amp; TIME): 06/17/82 1515

SAMPLE STAHT(DATE &amp; TIME): 05/19/82 1130

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

CHEMIST: E.W. Loy, Jr. COMPLETED 6/24/82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
DICHLOROFLUOROMETHANE	34334	NA	UG/KG	*	total unidentified alkyl hydrocarbons
TRICHLOROFUOROMETHANE	34491	NA	UG/KG	*	Isooctanol
ACROLEIN	34213	NA	UG/KG	*	C9 alcohol - Isomer unknown
ACRYLONITRILE	34218	NA	UG/KG	*	decanol
CHLOROMETHANE	34421	10,000	UG/KG	*	
BROMOMETHANE	34416	10,000	UG/KG	*	
VINYL CHLORIDE	34495	10,000	UG/KG	*	
CHLOROETHANE	34314	10,000	UG/KG	*	
METHYLENE CHLORIDE	34426	250,000	UG/KG	*	
1,1-DICHLOROETHYLENE	34504	10,000	UG/KG	*	
1,1-DICHLOROETHANE	34499	10,000	UG/KG	*	
TRANS-1,2-DICHLOROETHENE	34549	13,000	UG/KG	*	
CHLOROFORM	34318	10,000	UG/KG	*	
1,2-DICHLOROETHANE	34534	10,000	UG/KG	*	
1,1,1-TRICHLOROETHANE	34509	3000J	UG/KG	*	
CARBON TETRACHLORIDE	34299	10,000	UG/KG	*	
BROMOCHLOROMETHANE	34330	10,000	UG/KG	*	
1,2-DICHLOROPROPANE	34544	10,000	UG/KG	*	
TRANS-1,3-DICHLOROPROPENE	34697	10,000	UG/KG	*	
TRICHLOROETHENE	34487	65,000	UG/KG	*	
BENZENE	34237	10,000	UG/KG	*	
1-BROMOCHLOROMETHANE	34309	10,000	UG/KG	*	
1,1,2-TRICHLOROETHANE	34514	10,000	UG/KG	*	
CIS-1,3-DICHLOROPROPENE	34702	10,000	UG/KG	*	
1-CHLOROETHYL VINYL ETHER	34579	10,000	UG/KG	*	
BROMOFORM	34290	10,000	UG/KG	*	
1,1,2,2-TETRACHLOROETHANE	34519	10,000	UG/KG	*	
TETRACHLOROETHENE	34478	14,000	UG/KG	*	
TOLUENE	34483	270,000	UG/KG	*	
CHLORBENZENE	34304	10,000	UG/KG	*	
ETHYL BENZENE	34374	10,000	UG/KG	*	
M-XYLENE		170,000	UG/KG	*	
O&P-XYLENE (MIXED)		120,000	UG/KG	*	
% MOISTURE	70320	---	*		

NOTES: 1) J-ESTIMATED VALUE

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

6) A-AVERAGE VALUE

7) NA-COMPOND NOT ANALYZED FOR.

\* The data is suspect based on quality control information.

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DATE: 06/21/82  
PROJECT #: 82-131 PHUG ELEMENT #: NSF

PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (WET WT)

SOURCE: SAAU OIL COMPANY  
ITY: NASHVILLE STATE: TN  
TATION: 05001 STANWARD-SOIL-SAMPLE

SAMPLE RECEIVED DATE & TIME: 06/17/82 1145

SAMPLE TYPE: SOIL

SAMPLE START DATE & TIME: 05/19/82 0

SAMPLE STOP DATE & TIME: 00/00/00 0

CHEMIST: E.W. Loy, Jr. COMPLETED 6/24/82

COMPOUND	STORE #	UNITS	COMPOUND	STORE #	UNITS
1CHLORODIFLUOROMETHANE	34334	NA	total unidentified alkyl hydrocarbons		180,000L UG/KG
1CHLOROFUOROMETHANE	34491	UG/KG	1-ketocetanoic acid		18,000L UG/KG
CHOLEIN	34213	NA	C9 alcohol-isomer unknown		1,000L UG/KG
CHYDROCARBON	34218	UG/KG	decanol		22,000L UG/KG
FLUOROMETHANE	34421	10,000U UG/KG			UG/KG
MONOMETHANE	34416	10,000U UG/KG			UG/KG
INYL CHLORIDE	34495	10,000U UG/KG			UG/KG
FLUOKETHANE	34314	10,000U UG/KG			UG/KG
ETHYLENE CHLORIDE	34426	10,000U UG/KG			UG/KG
•1-DICHLOROETHYLENE	34504	10,000U UG/KG			UG/KG
•1-DICHLOROETHANE	34499	10,000U UG/KG			UG/KG
RANS-1,2-DICHLOROETHENE	34549	12,000U UG/KG			UG/KG
FLUOKOFORM	34318	10,000U UG/KG			UG/KG
•2-DICHLOROETHANE	34534	10,000U UG/KG			UG/KG
•1,1-TRICHLOROETHANE	34509	10,000U UG/KG			UG/KG
ARION TETRACHLORIDE	34299	10,000U UG/KG			UG/KG
ROMOUICHLOROMETHANE	34330	10,000U UG/KG			UG/KG
•2-DICHLOROPROPANE	34544	10,000U UG/KG			UG/KG
HANS-1,3-DICHLOROPROPENE	34697	10,000U UG/KG			UG/KG
RICHLOROETHENE	34487	2,000U UG/KG			UG/KG
ENZENE	34237	10,000U UG/KG			UG/KG
1,1,2-TRICHLOROETHANE	34309	10,000U UG/KG			UG/KG
1,1,1,3-DICHLOROPROPENE	34514	10,000U UG/KG			UG/KG
1-CHLOROETHYL VINYL ETHER	34702	10,000U UG/KG			UG/KG
ROMUFURM	34579	10,000U UG/KG			UG/KG
•1,1,2-TETRACHLOROETHANE	34290	10,000U UG/KG			UG/KG
TETRACHLOROETHENE	34519	10,000U UG/KG			UG/KG
TOLUENE	34478	10,000U UG/KG			UG/KG
CHLOROBENZENE	34483	16,000U UG/KG			UG/KG
ETHYL BENZENE	34304	10,000U UG/KG			UG/KG
4-XYLENE	34374	10,000U UG/KG			UG/KG
0&P-XYLENE (MIXED)	4,000J	UG/KG			UG/KG
% MOISTURE	4,000J	UG/KG			UG/KG
	70320	---			

NOTES: 1) J-ESTIMATED VALUE

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

6) A-AVERAGE VALUE  
7) NA-COMPOND NOT ANALYZED FOR.

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E: 05/27/82

JECT #: 82-131 PROG ELEMENT #: NSF

ACE: SAAD SITE

Y: NASHVILLE

TION: S-7/S SPRING 7,

PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SYSTEM  
SEUMENT/SOIL/SLUDGE (DRY WT)

EPA-SAU-RGN-IV  
ATHENS, GA

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SAMPLE START(DATE &amp; TIME): 05/18/82 1500

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

CHEMIST: E.W. Loy, Jr. COMPLETED 6-14-82

STATE: TN

SAMPLE TYPE: SEDIM

SAD NO.: 82C1444

## COMPOUND

## STORE#

## UNITS

## COMPOUND

## STORE#

## UNITS

CHLORODIFLUOROMETHANE

34334 NA UG/KG \*

1100J UG/KG

CHLORODIFLUOROMETHANE

34491 NA UG/KG \*

50J UG/KG

OLEIN

34213 NA UG/KG \*

UG/KG

CYLONITRILE

34218 NA UG/KG \*

UG/KG

DROMETHANE

34421 28U UG/KG \*

UG/KG

DHOMEETHANE

34416 28U UG/KG \*

UG/KG

VYL CHLORIDE

34495 28U UG/KG \*

UG/KG

OKETHANE

34314 28U UG/KG \*

UG/KG

HYLENE CHLORIDE

34426 28U UG/KG \*

UG/KG

-DICHLOROETHYLENE

34504 28U UG/KG \*

UG/KG

-DICHLOROETHANE

34499 28U UG/KG \*

UG/KG

ANS-1,2-DICHLOROETHENE

34549 28U UG/KG \*

UG/KG

DROFORM

34318 28U UG/KG \*

UG/KG

2-DICHLOROETHANE

34534 28U UG/KG \*

UG/KG

1,1-TRICHLOROETHANE

34509 28U UG/KG \*

UG/KG

BROMOCHLOROMETHANE

34299 28U UG/KG \*

UG/KG

BROMOCHLOROETHANE

34330 28U UG/KG \*

UG/KG

DODICHLOROMETHANE

34544 28U UG/KG \*

UG/KG

2-DICHLOROPROPANE

34697 28U UG/KG \*

UG/KG

ANS-1,3-DICHLOROPROPENE

34487 28U UG/KG \*

UG/KG

CHLOROETHENE

34237 28U UG/KG \*

UG/KG

ENZENE

34309 28U UG/KG \*

UG/KG

BROMOCHLOROMETHANE

34514 28U UG/KG \*

UG/KG

1,2-TRICHLOROETHANE

34702 28U UG/KG \*

UG/KG

S-1,3-DICHLOROPROPENE

34579 28U UG/KG \*

UG/KG

CHLOROETHYL VINYL ETHER

34290 28U UG/KG \*

UG/KG

OMOFORM

34519 28U UG/KG \*

UG/KG

1,2,2-TETRACHLOROETHANE

34478 28U UG/KG \*

UG/KG

TRACHLOROETHENE

34483 28U UG/KG \*

UG/KG

LUENE

34304 28U UG/KG \*

UG/KG

BROMOBENZENE

34374 28U UG/KG \*

UG/KG

HYL. BENZENE

28U UG/KG \*

UG/KG

XYLENE

28U UG/KG \*

UG/KG

P-XYLENE(MIXED)

28U UG/KG \*

UG/KG

MOISTURE

70320 83 \*

UG/KG

OTES: 1) J-ESTIMATED VALUE

6) A-AVERAGE VALUE

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

7) NA-COMPOUND NOT ANALYZED FOR.

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

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DATE: 05/27

PROJECT #: 82-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE

STATE: TN

STATION: S-6.1/S SPRING 6.1

PURGEABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

EPA-SAC N. IV  
ATHENS, GA

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SAMPLE START(DATE &amp; TIME): 05/18/82 1435

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

CHEMIST: E.W. Loy, Jr. COMPLETED 6-14-82

SAU NO.: 82C1443

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
1,1,1,1-TETRACHLOROETHANE	34334	NA	UG/KG	*	UG/KG
TRICHLOROFLUOROMETHANE	34491	NA	UG/KG	*	UG/KG
ACROLEIN	34213	NA	UG/KG	*	UG/KG
ACRYLONITRILE	34218	NA	UG/KG	*	UG/KG
CHLOROMETHANE	34421	9U	UG/KG	*	UG/KG
BROMOMETHANE	34416	9U	UG/KG	*	UG/KG
VINYL CHLORIDE	34495	9U	UG/KG	*	UG/KG
CHLOROETHANE	34314	9U	UG/KG	*	UG/KG
METHYLENE CHLORIDE	34426	9U	UG/KG	*	UG/KG
1,1-DICHLOROETHYLENE	34504	9U	UG/KG	*	UG/KG
1,1-DICHLOROETHANE	34499	9U	UG/KG	*	UG/KG
TRANS-1,2-DICHLOROETHENE	34549	9U	UG/KG	*	UG/KG
CHLOROFORM	34318	9U	UG/KG	*	UG/KG
1,2-DICHLOROETHANE	34534	9U	UG/KG	*	UG/KG
1,1,1-TRICHLOROETHANE	34509	9U	UG/KG	*	UG/KG
CARBON TETRACHLORIDE	34294	9U	UG/KG	*	UG/KG
BROMODICHLOROMETHANE	34330	9U	UG/KG	*	UG/KG
1,2-DICHLOROPROPANE	34544	9U	UG/KG	*	UG/KG
TRANS-1,3-DICHLOROPROPENE	34697	9U	UG/KG	*	UG/KG
TRICHLOROETHENE	34487	9U	UG/KG	*	UG/KG
BENZENE	34237	9U	UG/KG	*	UG/KG
DIBROMOCHLOROMETHANE	34309	9U	UG/KG	*	UG/KG
1,1,2-TRICHLOROETHANE	34514	9U	UG/KG	*	UG/KG
CIS-1,3-DICHLOROPROPENE	34702	9U	UG/KG	*	UG/KG
1-CHLOROETHYL VINYL ETHER	34579	9U	UG/KG	*	UG/KG
BROMOFORM	34290	9U	UG/KG	*	UG/KG
1,1,2,2-TETRACHLOROETHANE	34519	9U	UG/KG	*	UG/KG
TETRACHLOROETHENE	34478	9U	UG/KG	*	UG/KG
TOLUENE	34483	9U	UG/KG	*	UG/KG
CHLOROBENZENE	34304	9U	UG/KG	*	UG/KG
ETHYL BENZENE	34374	9U	UG/KG	*	UG/KG
M-XYLENE		9U	UG/KG	*	UG/KG
O,P-XYLENE (MIXED)		9U	UG/KG	*	UG/KG
% MOISTURE	70320	49	*		

NOTES: 1) J-ESTIMATED VALUE

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

6) A-AVERAGE VALUE

7) NA-COMPOND NOT ANALYZED FOR.

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E: 05/27/82

PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING (TEI)  
SEDIMENT/SOIL/SLUDGE (HY WI)

EPA-SAO-RUN.IV  
ATHENS, GA

SAMPLE #: 82-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1044

JRC#: SAAD SITE

SAMPLE TYPE: SEDIM

SAMPLE START(DATE &amp; TIME): 05/18/82 1315

CITY: NASHVILLE

STATE: TN

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

LOCATION: S-2/S SPRING S-2

SAD NO.: 82C1440

CHEMIST: E.W. Loy, Jr. COMPLETED 6/16/82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
CHLORODIFLUOROMETHANE	34334	UG/KG			UG/KG
CHLOROFUOROMETHANE	34491	UG/KG			UG/KG
CHOLESTEN	34213	UG/KG			UG/KG
RYLONITRILE	34218	UG/KG			UG/KG
FLUOROMETHANE	34421	UG/KG			UG/KG
MONOMETHANE	34416	UG/KG			UG/KG
NYL CHLORIDE	34495	UG/KG			UG/KG
LURONE THANE	34314	UG/KG			UG/KG
THYLENE CHLORIDE	34426	UG/KG			UG/KG
1-DICHLOROETHYLENE	34504	UG/KG			UG/KG
1-DICHLOROETHANE	34499	UG/KG			UG/KG
ANS-1,2-DICHLOROETHENE	34549	UG/KG			UG/KG
LOUROFORM	34313	UG/KG			UG/KG
2-DICHLOROETHANE	34534	UG/KG			UG/KG
1,1-THICHLOROETHANE	34509	UG/KG			UG/KG
TRICHLORO TETRACHLORIDE	34299	UG/KG			UG/KG
MONOCHLOROMETHANE	34330	UG/KG			UG/KG
2-DICHLOROPROPANE	34544	UG/KG			UG/KG
TRANS-1,3-DICHLOROPROPENE	34697	UG/KG			UG/KG
1-CHLOROETHENE	34487	UG/KG			UG/KG
YZENE	34237	UG/KG			UG/KG
BROMOCHLOROMETHANE	34309	UG/KG			UG/KG
1,2-THICHLOROETHANE	34514	UG/KG			UG/KG
1S-1,3-DICHLOROPROPENE	34702	UG/KG			UG/KG
-CHLOROETHYL VINYL ETHER	34579	UG/KG			UG/KG
ZOMOFURIA	34290	UG/KG			UG/KG
,1,2,2-TETRACHLOROETHANE	34519	UG/KG			UG/KG
TRICHLOROETHENE	34478	UG/KG			UG/KG
YUENE	34483	UG/KG			UG/KG
FLUOREN ZENE	34304	UG/KG			UG/KG
THYL BENZENE	34374	UG/KG			UG/KG
-XYLENE		UG/KG			UG/KG
BP-XYLENE (MIXED)		UG/KG			UG/KG
MOISTURE	70320	30			

- NOTES: 1) J-ESTIMATED VALUE  
 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
 THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 5) H-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

- 6) A-AVERAGE VALUE  
 7) NA-COMPOUND NOT ANALYZED FOR.

2 8 0237

DATE: 05/27/82

PROJECT #: 82-131 PHOG ELEMENT #: NSF

SOURCE: SAND SITE

CITY: NASHVILLE

STATE: TN

STATION: S-3.1/S SPRING S-3

PURGEABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

EPA-SAU, .IV  
ATHENS, GA

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SAMPLE TYPE: SEDIM

SAMPLE START(DATE &amp; TIME): 05/18/82 1340

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

CHEMIST: E.W. JONES COMPLETED 6/16/82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
1,1,1,2-TETRACHLOROETHANE	34334	NA	UG/KG	#	UG/KG
TRICHLOROFUOROMETHANE	34491	NA	UG/KG	#	UG/KG
ACROLEIN	34213	NA	UG/KG	#	UG/KG
ACRYLONITRILE	34218	NA	UG/KG	#	UG/KG
CHLOROMETHANE	34421	7U	UG/KG	#	UG/KG
BROMOMETHANE	34416	7U	UG/KG	#	UG/KG
VINYL CHLORIDE	34495	7U	UG/KG	#	UG/KG
CHLOROETHANE	34314	7U	UG/KG	#	UG/KG
METHYLENE CHLORIDE	34426	7U	UG/KG	#	UG/KG
1,1-DICHLOROETHYLENE	34504	7U	UG/KG	#	UG/KG
1,1-DICHLOROETHANE	34499	7U	UG/KG	#	UG/KG
TRANS-1,2-DICHLOROETHENE	34549	7U	UG/KG	#	UG/KG
CHLOROFORM	34318	7U	UG/KG	#	UG/KG
1,2-DICHLOROETHANE	34534	7U	UG/KG	#	UG/KG
1,1,1-TRICHLOROETHANE	34509	7U	UG/KG	#	UG/KG
CARBON TETRACHLORIDE	34299	7U	UG/KG	#	UG/KG
BROMODICHLOROMETHANE	34330	7U	UG/KG	#	UG/KG
1,2-DICHLOROPROPANE	34544	7U	UG/KG	#	UG/KG
TRANS-1,3-DICHLOROPROPENE	34697	7U	UG/KG	#	UG/KG
TRICHLOROETHENE	34487	7U	UG/KG	#	UG/KG
BENZENE	34237	7U	UG/KG	#	UG/KG
DIBROMOCHLOROMETHANE	34309	7U	UG/KG	#	UG/KG
1,1,2-TRICHLOROETHANE	34514	7U	UG/KG	#	UG/KG
CIS-1,3-DICHLOROPROPENE	34702	7U	UG/KG	#	UG/KG
1-CHLOROETHYL VINYL ETHER	34579	7U	UG/KG	#	UG/KG
BROMOFORM	34290	7U	UG/KG	#	UG/KG
1,1,2,2-TETRACHLOROETHANE	34519	7U	UG/KG	#	UG/KG
TETRACHLOROETHENE	34478	7U	UG/KG	#	UG/KG
TOLUENE	34483	7U	UG/KG	#	UG/KG
CHLOROBENZENE	34304	7U	UG/KG	#	UG/KG
ETHYL BENZENE	34374	7U	UG/KG	#	UG/KG
M-XYLENE		7U	UG/KG	#	UG/KG
O,p-XYLENE (MIXED)		7U	UG/KG	#	UG/KG
% MOISTURE	70320	29	*		

- NOTES: 1) J-ESTIMATED VALUE  
 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
     THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

- 6) A-AVERAGE VALUE  
 7) NA-COMPONENT NOT ANALYZED FOR.

0238

DATE: 05/27/82

PROJECT #: H2-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE

STATION: SP4-5/S SPRING 4/5

PURGEABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

EPA-SAU, I, IV  
ATHENS, GA

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SAMPLE TYPE: SEDIM

SAMPLE START(DATE &amp; TIME): 05/18/82 1405

STATE: TN

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

SAU NO.: H2C1442

CHEMIST: E.W. Loy, Jr. COMPLETED 6/16/82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
DICHLORODIFLUOROMETHANE	34334	UG/KG	*		UG/KG
TRICHLORODIFLUOROMETHANE	34491	UG/KG	*		UG/KG
ACROLEIN	34213	UG/KG	*		UG/KG
ACRYLONITRILE	34218	UG/KG	*		UG/KG
CHLOROMETHANE	34421	UG/KG	*		UG/KG
BROMOMETHANE	34416	UG/KG	*		UG/KG
VINYL CHLORIDE	34495	UG/KG	*		UG/KG
CHLOROETHANE	34314	UG/KG	*		UG/KG
METHYLENE CHLORIDE	34426	UG/KG	*		UG/KG
1,1-DICHLOROETHYLENE	34504	UG/KG	*		UG/KG
1,1-DICHLOROETHANE	34499	UG/KG	*		UG/KG
TRANS-1,2-DICHLOROETHENE	34549	UG/KG	*		UG/KG
CHLOROFORM	34318	UG/KG	*		UG/KG
1,2-DICHLOROETHANE	34534	UG/KG	*		UG/KG
1,1,1-TRICHLOROETHANE	34509	UG/KG	*		UG/KG
CARBON TETRACHLORIDE	34299	UG/KG	*		UG/KG
HEMIDICHLOROMETHANE	34330	UG/KG	*		UG/KG
1,2-DICHLOROPROPANE	34544	UG/KG	*		UG/KG
TRANS-1,3-DICHLOROPROPENE	34697	UG/KG	*		UG/KG
TRICHLOROETHENE	34487	UG/KG	*		UG/KG
HEXENE	34237	UG/KG	*		UG/KG
VIBROMOCHLOROMETHANE	34309	UG/KG	*		UG/KG
1,1,2-TRICHLOROETHANE	34514	UG/KG	*		UG/KG
CIS-1,3-DICHLOROPROPENE	34702	UG/KG	*		UG/KG
1-CHLOROETHYL VINYL ETHER	34579	UG/KG	*		UG/KG
HEMIFORM	34240	UG/KG	*		UG/KG
1,1,2,2-TETRACHLOROETHANE	34519	UG/KG	*		UG/KG
TETRACHLOROETHENE	34478	JJ	U		UG/KG
TOLUENE	34483	UG/KG	*		UG/KG
CHLOROBENZENE	34304	UG/KG	*		UG/KG
ETHYL BENZENE	34374	UG/KG	*		UG/KG
M-XYLENE		UG/KG	*		UG/KG
O&P-XYLENE (MIXED)		UG/KG	*		UG/KG
% MOISTURE	70320	26	*		

- NOTES: 1) J-ESTIMATED VALUE  
 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
     THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL.

- 6) A-AVERAGE VALUE  
 7) NA-COMPUND NOT ANALYZED FOR.

0259

DATE: 05/27/82

PURGEABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

EPA-SAU-R .IV  
ATHENS, GA

PROJECT #: H2-131 PROG ELEMENT #: NSF

SOURCE: SAU SITE

CITY: NASHVILLE

STATE: TN

STATION: T-2/S IND. AREA CREEK

SAMPLE TYPE: SEDIM

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SAMPLE START(DATE &amp; TIME): 05/18/82 1250

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

CHEMIST: E.H. Loy, Jr. COMPLETED 6-14-82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
DICHLORODIFLUOROMETHANE	34334	NA	UG/KG	*	UG/KG
TRICHLOROFLUOROMETHANE	34491	NA	UG/KG	*	UG/KG
ACROLEIN	34213	NA	UG/KG	*	UG/KG
ACRYLONITRILE	34218	NA	UG/KG	*	UG/KG
CHLOROMETHANE	34421	7U	UG/KG	*	UG/KG
BROMOMETHANE	34416	7U	UG/KG	*	UG/KG
VINYL CHLORIDE	34495	7U	UG/KG	*	UG/KG
CHLOROETHANE	34314	7U	UG/KG	*	UG/KG
METHYLENE CHLORIDE	34426	7U	UG/KG	*	UG/KG
1,1-DICHLOROETHYLENE	34504	7U	UG/KG	*	UG/KG
1,1-DICHLOROETHANE	34499	7U	UG/KG	*	UG/KG
TRANS-1,2-DICHLOROETHENE	34549	7U	UG/KG	*	UG/KG
CHLOROFORM	34318	7U	UG/KG	*	UG/KG
1,2-DICHLOROETHANE	34534	7U	UG/KG	*	UG/KG
1,1,1-TRICHLOROETHANE	34509	7U	UG/KG	*	UG/KG
CARBON TETRACHLORIDE	34299	7U	UG/KG	*	UG/KG
BROMODICHLOROMETHANE	34330	7U	UG/KG	*	UG/KG
1,2-DICHLOROPROPANE	34544	7U	UG/KG	*	UG/KG
TRANS-1,3-DICHLOROPROPENE	34697	7U	UG/KG	*	UG/KG
TRICHLOROETHENE	34487	7U	UG/KG	*	UG/KG
BENZENE	34237	7U	UG/KG	*	UG/KG
DIBROMOCHLOROMETHANE	34309	7U	UG/KG	*	UG/KG
1,1,2-TRICHLOROETHANE	34514	7U	UG/KG	*	UG/KG
CIS-1,3-DICHLOROPROPENE	34702	7U	UG/KG	*	UG/KG
1-CHLOROETHYL VINYL ETHER	34579	7U	UG/KG	*	UG/KG
HYDROFORM	34290	7U	UG/KG	*	UG/KG
1,1,2,2-TETRACHLOROETHANE	34519	7U	UG/KG	*	UG/KG
TETRACHLOROETHENE	34478	3J	UG/KG	*	UG/KG
TOLUENE	34483	7U	UG/KG	*	UG/KG
CHLOROBENZENE	34304	7U	UG/KG	*	UG/KG
ETHYL BENZENE	34374	7U	UG/KG	*	UG/KG
M-XYLENE		7U	UG/KG	*	UG/KG
O,X-P-XYLENE (MIXED)		7U	UG/KG	*	UG/KG
% MOISTURE	70320	20	*		

- NOTES: 1) J-ESTIMATED VALUE  
 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
 THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

- 6) A-AVERAGE VALUE  
 7) NA-COMPONENT NOT ANALYZED FOR.

280240

DATE: 05/27/82

PURGEABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

EPA-SAD-6 .IV  
ATHENS, GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE TYPE: SEDIM

SAMPLE START(DATE &amp; TIME): 05/18/82 1120

CITY: NASHVILLE

STATE: TN

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

STATION: HC/S BELOW CONFLUENCE

SAL ID #: 82C1438

CHEMIST: E.W. Loy, Jr. COMPLETED 6-14-82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
DICHLORODIFLUOROMETHANE	34334	NA	UG/KG	*	UG/KG
TRICHLOROFUOROMETHANE	34491	NA	UG/KG	*	UG/KG
ACROLEIN	34213	NA	UG/KG	*	UG/KG
ACRYLONITRILE	34218	NA	UG/KG	*	UG/KG
CHLOROMETHANE	34421	7U	UG/KG	*	UG/KG
BROMOMETHANE	34416	7U	UG/KG	*	UG/KG
VINYL CHLORIDE	34495	7U	UG/KG	*	UG/KG
CHLOROETHANE	34314	7U	UG/KG	*	UG/KG
METHYLENE CHLORIDE	34426	7U	UG/KG	*	UG/KG
1,1-DICHLOROETHYLENE	34504	7U	UG/KG	*	UG/KG
1,1-DICHLOROETHANE	34499	7U	UG/KG	*	UG/KG
TRANS-1,2-DICHLOROETHENE	34549	7U	UG/KG	*	UG/KG
CHLOROFORM	34318	7U	UG/KG	*	UG/KG
1,2-DICHLOROETHANE	34534	7U	UG/KG	*	UG/KG
1,1,1-TRICHLOROETHANE	34509	7U	UG/KG	*	UG/KG
CARBON TETRACHLORIDE	34299	7U	UG/KG	*	UG/KG
BROMODICHLOROMETHANE	34330	7U	UG/KG	*	UG/KG
1,2-DICHLOROPROPANE	34544	7U	UG/KG	*	UG/KG
TRANS-1,3-DICHLOROPROPENE	34697	7U	UG/KG	*	UG/KG
TRICHLOROETHENE	34487	7U	UG/KG	*	UG/KG
BENZENE	34237	7U	UG/KG	*	UG/KG
DIKROMOCHLOROMETHANE	34309	7U	UG/KG	*	UG/KG
1,1,2-TRICHLOROETHANE	34514	7U	UG/KG	*	UG/KG
CIS-1,3-DICHLOROPROPENE	34702	7U	UG/KG	*	UG/KG
1-CHLOROETHYL VINYL ETHER	34579	7U	UG/KG	*	UG/KG
BROMOFORM	34290	7U	UG/KG	*	UG/KG
1,1,2,2-TEPACHLOROETHANE	34519	7U	UG/KG	*	UG/KG
TETRACHLOROETHENE	34478	4J	UG/KG	*	UG/KG
TOLUENE	34493	7U	UG/KG	*	UG/KG
CHLOROBENZENE	34304	7U	UG/KG	*	UG/KG
ETHYL BENZENE	34374	7U	UG/KG	*	UG/KG
M-XYLENE		7U	UG/KG	*	UG/KG
O&P-XYLENE (MIXED)		7U	UG/KG	*	UG/KG
% MOISTURE	70320	22	*		

- NOTES: 1) J-ESTIMATED VALUE  
 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
 THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL.

(J) AVERAGE VALUE  
 (K) NA-COMPUND NOT ANALYZED FOR.

2 8  
0241

## SAMPLE AND ANALYSIS MANAGEMENT SYSTEM EPA-ESU / REG-IV

12/15/02  
PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SNIF/SLUDGE(DRY WT)

SAMPLE NO.: 82C2839      SAMPLE TYPE: SOIL

PROJECT NO: 02-1318 PROGRAM ELEMENT: NSF  
SOURCE: SAID SITE TRUSSDALE RD STATE: TN  
CITY: NASHVILLE  
STATION ID: SS-CF-SP  
STORED STATION ID:

ANALYTICAL METHOD:  
CASE NO.: 1220 JRG SAMPLE NO.: D 1343 INORG SAMPLE NO.: MD 9042  
CONTRACT LABORATORY(DORGANIC): MEADY COMPUCHEM  
CONTRACT LABORATORY(INDORGANIC): ROCKY MTN ANL LABS  
REMARK: ORG SA MPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLS SHIPPED BY FED EXP 406215180  
SAMPLE LOG VERIFIED BY: DLC      SAMPLE DATA VERIFIED BY: CHH  
\*\*\*REMARKS\*\*\*

RESULTS	UNITS	COMPOUND	STUKE#
500	UG/KG	ACROLEIN	34213
500	UG/KG	ACRYLONITRILE	34218
500	UG/KG	BACRODOMEETHANE	34216
500	UG/KG	BACROMETHANE	34216
500	UG/KG	VINYLCHEMICAL	34216
500	UG/KG	CHLOROETHANE	34216
500	UG/KG	METHYLENE CHLORIDE	34216
500	UG/KG	1,1-DICHLOROETHENE	34216
500	UG/KG	1,2-DICHLOROETHANE	34216
500	UG/KG	TRANS-1,2-DICHLOROETHENE	34216
500	UG/KG	CHLORFORM	34216
500	UG/KG	1,2,2-TRICHLOROETHANE	34216
500	UG/KG	1,1,1-TRICHLOROETHANE	34216
500	UG/KG	TRICHLOROETHANE	34216
500	UG/KG	FRONONECHLOROETHANE	34216
500	UG/KG	1,2-DICHLOROPROPANE	34216
500	UG/KG	TRANS-1,3-DICHLOROPROPENE	34216
500	UG/KG	TRICHLOROETHENE	34216
500	UG/KG	DIALOMETHANE	34216
500	UG/KG	1,1,2-TRICHLOROETHANE	34216
500	UG/KG	1,3-DICHLOROPROPENE	34216
500	UG/KG	RENZENE	34216
500	UG/KG	DIAROMETHANE	34216
500	UG/KG	1,1,2-TRICHLOROETHENE	34216
500	UG/KG	1,3-DICHLOROETHENE	34216
500	UG/KG	BRONFORUM	34216
500	UG/KG	1,2,2-TETRAKHLOROETHANE	34216
500	UG/KG	CHLOROTRICHLOROBENZENE	34216
500	UG/KG	ETHYLBENZENE	34216
500	UG/KG	4-MYXENE	34216
500	UG/KG	OEPXYLENE(MIXED)	34216
500	UG/KG	MOTSTURE	34216

\*-AVERAGE VALUE \*NA=NOT ANALYZED  
\*ESTIMATED VALUE BN-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

DATE: 05/27/82

METALS  
DATA REPORT  
SEDIMENT/SOIL/SL  
SHEET  
SEI.

EPA-SAU-HGN-IV  
ATHENS, GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE STATE: TN

STATION: LN-DL-S 2 DEGREES DRAINAGE

SAMPLE TYPE: INDSL

SAU NO.: 82C1446

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SAMPLE START(DATE &amp; TIME): 05/19/82 1130

SAMPLE STOP(DATE &amp; TIME): 00/00/00 "

CHEMIST: McDaniel COMPLETED 6-30-82

ELEMENT	STORE#	UNITS
SILVER	01078	1U MG/KG
ARSENIC	01003	4U MG/KG
MERON	01023	NA MG/KG
BARIUM	01008	56 MG/KG
HELIUM	01013	1U MG/KG
CADMUM	01028	1 MG/KG
COHALT	01038	2U MG/KG
CHROMIUM	01029	10 MG/KG
COPPER	01043	24 MG/KG
MOLYBDENUM	01063	20 MG/KG
NICKEL	01068	4.6 MG/KG
LEAD	01052	26 MG/KG
ANTIMONY	01098	4U MG/KG
SELENIUM	01148	4U MG/KG
TIN	01103	100 MG/KG
STRONTIUM	01083	62 MG/KG
TELLURIUM	45513	4U MG/KG
TITANIUM	01153	64 MG/KG
THALLIUM	34480	10U MG/KG
VANADIUM	01088	5.3 MG/KG
YTTRIUM	45514	4.8 MG/KG
ZINC	01093	70 MG/KG
ZIRCONIUM	01163	NA MG/KG
MERCURY	71921	NAI MG/KG
ALUMINUM	01104	3500 MG/KG
MANGANESE	01053	170 MG/KG
CALCIUM	00917	14000 MG/KG
MAGNESIUM	00924	800 MG/KG
IRON	01170	8400 MG/KG
SODIUM	00934	230 MG/KG
CHROMIUM, HEXAVALENT		NA MG/KG
% MOISTURE	70320	NA

NOTES: 1) X-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 3) A-AVERAGE VALUE  
 4) NA-ELEMENT NOT ANALYZED FOR

5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED  
 6) J-ESTIMATED VALUE  
 7) NAI-INTERFERENCES

7  
80  
1  
2  
3

DATE: 05/27/82

PROJECT #: 82-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE STATE: TN

STATION: LN-05-S OIL SEPARATOR

METALS  
DATA REPORT "I"; SHEET  
SEDIMENT/SOIL/S WGE(DRY WT)

EPA-SAU-RGN.IV  
ATHENS

SAMPLE TYPE: INSL

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SAU NO.: 82C1445

SAMPLE START(DATE &amp; TIME): 05/19/82 1020

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

CHEMIST: McDaniel COMPLETED 6-30-82

ELEMENT	STORE#	UNITS
SILVER	01078	2U MG/KG
ARSENIC	01003	8U MG/KG
MERON	01023	NA MG/KG
HARIUM	01008	100 MG/KG
MERYLLIUM	01013	2U MG/KG
CADMUM	01028	2U MG/KG
COBALT	01038	4U MG/KG
CHROMIUM	01029	25 MG/KG
COPPER	01043	69 MG/KG
MOLYBDENUM	01063	4U MG/KG
NICKEL	01068	10 MG/KG
LEAD	01052	82 MG/KG
ANTIMONY	01098	8U MG/KG
SELENIUM	01148	8U MG/KG
TIN	01103	20U MG/KG
STRONTIUM	01083	290 MG/KG
TELLURIUM	45513	8U MG/KG
TITANIUM	01153	140 MG/KG
THALLIUM	34480	20U MG/KG
VANADIUM	01088	13 MG/KG
YTTRIUM	45514	17 MG/KG
ZINC	01093	69 MG/KG
ZIRCONIUM	01163	NA MG/KG
MERCURY	71921	0.05U MG/KG
ALUMINUM	01108	9400 MG/KG
MANGANESE	01053	840 MG/KG
CALCIUM	00917	230000 MG/KG
MAGNESIUM	00924	6500 MG/KG
IRON	01170	22000 MG/KG
SODIUM	00934	550 MG/KG
CHROMIUM,HEXAVALENT		NA MG/KG
\$ MOISTURE	70320	15

- NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 3) A-AVERAGE VALUE  
 4) NA-ELEMENT NOT ANALYZED FOR

- 5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED  
 6) J-ESTIMATED VALUE  
 7) NAI-INTERFERENCES

2

8

024A

DATE: 08/04

PROJECT #: H2-131 PROG ELEMENT #: NSF

SOURCE: SAAD OIL COMPANY

CITY: NASHVILLE

STATE: TN

STATION: 05000 18" SOIL SAMPLE (PREP BY NEIC)

METAL  
DATA REPORT, LOG SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

 EPA-ES 7/24/82  
ATHENS A

SAMPLE RECEIVED(DATE &amp; TIME): 07/16/82 700

SAMPLE START(DATE &amp; TIME): 05/19/82 1130

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

CHEMIST: WHM METHOD:

## RESULTS UNITS ELEMENT

## STORE#

8.4	MG/KG	SILVER	01078
160	MG/KG	ARSENIC	01003
NA	MG/KG	BORON	01023
250	MG/F G	BARIUM	01008
40	MG/KG	HE-YLLIUM	01013
31	MG/KG	CAUMIUM	01028
80	MG/KG	COHALT	01038
140	MG/KG	CHROMIUM	01029
170	MG/KG	COPPER	01043
80	MG/F G	MOLYBDENUM	01063
96	MG/KG	NICKEL	01068
410	MG/KG	LEAD	01052
160	MG/KG	ANTIMONY	01098
160	MG/KG	SELENIUM	01148
400	MG/KG	TIN	01103
140	MG/KG	STRONTIUM	01083
160	MG/KG	TELLURIUM	45513
74	MG/KG	TITANIUM	01153
400	MG/KG	THALLIUM	34480
15	MG/KG	VANADIUM	01088
14	MG/KG	YTTRIUM	45514
860	MG/KG	ZINC	01093
NA	MG/F G	ZIRCONIUM	01163
NA	MG/KG	HERCURY	71921
9800	MG/KG	ALUMINUM	01108
680	MG/KG	MANGANESE	01053
67000	MG/KG	CALCIUM	00927
6700	MG/KG	MAGNESIUM	00924
18000	MG/KG	IRON	01170
680	MG/KG	SODIUM	00934
NA	MG/KG	CHROMIUM-HEXAVALENT	70320
		* MOISTURE	

DATA VERIFIED BY: MAW

- NOTES: 1) I-ESTIMATED VALUE  
 2) R-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) T-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 4) D-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
     THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 5) P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

- 6) A-AVERAGE VALUE  
 7) N-NOT ANALYZED  
 8) NI-INTERFERENCES

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245

DATE #: A2-131 PROD ELEMENT #: NSF  
 SOURCE #: SAMPLE RECEIVED( DATE & TIME ): 07/16/82 700  
 MRC #: SAMPLE START(DATE & TIME): 05/19/82 1145  
 STATE: TN  
 CITY: NASHVILLE  
 COMPANY: SABO OIL COMPANY  
 SAMPLE TYPE: SOIL  
 SAMPLE START(DATE & TIME): 05/19/82 1145  
 SAMPLE NO.: 82C1796  
 CHEMIST: WHM METHOD:  
 ANALYSIS: 05000 6. SOLID SAMPLE (PREFR BY NEGIC)  
 ESROTS UNITS: ESRATE  
 METALS ( )  
 DATA REPORTING SHEET  
 SEDIMENT/SOIL/SLUDGE (DRY WT)

EPA-ESD(R) V  
 ATHENS, GA  
 SAMPLE RECEIVED( DATE & TIME ): 07/16/82 700  
 MRC #: SAMPLE START(DATE & TIME): 05/19/82 1145  
 STATE: TN  
 CITY: NASHVILLE  
 COMPANY: SABO OIL COMPANY  
 SAMPLE TYPE: SOIL  
 SAMPLE START(DATE & TIME): 05/19/82 1145  
 SAMPLE NO.: 82C1796  
 CHEMIST: WHM METHOD:  
 ANALYSIS: 05000 6. SOLID SAMPLE (PREFR BY NEGIC)  
 ESROTS UNITS: ESRATE  
 METALS ( )  
 DATA REPORTING SHEET  
 SEDIMENT/SOIL/SLUDGE (DRY WT)

NOTES: 1) J-ESTIMATED VALUE  
 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 4) J-NATURAL WAS ANALYZED FOR BUT NOT DETECTED.  
 5) THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 6) PRESENCE OF PRESENCE OF MATERIAL

0246

28

DATE: 05/27/82

PROJECT #: KZ-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE STATE: TN

STATION: S-7/S SPRING 7

METALS  
DATA REPORT - 6 SHEET  
SEDIMENT/SOIL/S GE (DRY WT)

EPA-SAU-HGN-IV  
ATHENS, GA

SAMPLE TYPE: SEDIM

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SAU NO.: 82C1444

SAMPLE START(DATE &amp; TIME): 05/18/82 1500

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

CHEMIST: McDaniel COMPLETED 6-30-82

ELEMENT	STORE#	UNITS
SILVER	01078	70 MG/KG
ARSENIC	01003	280 MG/KG
MERCURY	01023	NA MG/KG
HARIUM	01008	250 MG/KG
BERYLLOIUM	01013	70 MG/KG
CAUDIUM	01028	70 MG/KG
COPALIT	01038	140 MG/KG
CHROMIUM	01029	30 MG/KG
COPPER	01043	17 MG/KG
MOLYBDENUM	01063	140 MG/KG
NICKEL	01068	210 MG/KG
LEAD	01052	280 MG/KG
ANTIMONY	01098	280 MG/KG
SELENIUM	01148	280 MG/KG
TIN	01103	700 MG/KG
STRONTIUM	01083	320 MG/KG
TELLURIUM	45513	280 MG/KG
TITANIUM	01153	180 MG/KG
THALLIUM	34480	700 MG/KG
VANADIUM	01088	29 MG/KG
YTTRIUM	45514	46 MG/KG
ZINC	01093	31 MG/KG
ZIRCONIUM	01163	NA MG/KG
MERCURY	71921	0.19 MG/KG
ALUMINUM	01108	19000 MG/KG
MANGANESE	01053	5500 MG/KG
CALCIUM	00917	150000 MG/KG
MAGNESIUM	00924	2600 MG/KG
IRON	01170	88000 MG/KG
SODIUM	00934	1100 MG/KG
CHROMIUM,HEXAVALENT		NA MG/KG
% MOISTURE	70320	46

- NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 3) A-AVERAGE VALUE  
 4) NA-ELEMENT NOT ANALYZED FOR

- 5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED  
 6) J-ESTIMATED VALUE  
 7) NA-INTERFERENCES

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0247

DATE: 05/27/82

METALS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLY (DRY WT)

EPA-SAD, RGN. IV  
ATHENS, GA

PROJECT #: 82-11 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE START(DATE &amp; TIME): 05/18/82 1435

CITY: NASHVILLE

STATE: TN

SAMPLE TYPE: SEDIM

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

STATION: S-6.1/S SPRING 6.1

SAD NO.: 82C1443

CHEMIST: McDaniel COMPLETED 6-30-82

ELEMENT	STORE#	UNITS
SILVER	01078	2U MG/KG
ANTSEMIC	01003	4U MG/KG
BORON	01023	NA MG/KG
HARIUM	01008	220 MG/KG
MERYLLIUM	01013	2U MG/KG
CADMUM	01028	2U MG/KG
COHALT	01038	4U MG/KG
CHROMIUM	01029	20 MG/KG
CUPPER	01043	7.6 MG/KG
MOLYBDENUM	01063	4U MG/KG
NICKEL	01068	12 MG/KG
LEAD	01052	21 MG/KG
ANTIMONY	01098	8U MG/KG
SELENIUM	01148	8U MG/KG
TIN	01103	20U MG/KG
STRONTIUM	01083	150 MG/KG
TELLURIUM	45513	8U MG/KG
TITANIUM	01153	390 MG/KG
THALLIUM	34480	20U MG/KG
VANADIUM	01088	29 MG/KG
YITTRIUM	45514	26 MG/KG
ZINC	01093	42 NG/KG
ZIRCONIUM	01163	NA MG/KG
MERCURY	71921	0.12 MG/KG
ALUMINUM	01108	19000 MG/KG
MANGANESE	01053	640 MG/KG
CALCIUM	00917	23000 MG/KG
MAGNESIUM	00924	1600 MG/KG
IRON	01170	18000 MG/KG
SODIUM	00934	300 MG/KG
CHROMIUM-HEXAVALENT		NA MG/KG
% MOISTURE	70320	46

NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

5) L-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED

2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

6) J-ESTIMATED VALUE

3) A-AVERAGE VALUE

7) NAI-INTERFERENCES

4) NA-ELEMENT NOT ANALYZED FOR

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DATE: 05/27/82  
 PROJECT #: HZ-131 PROG ELEMENT #: NSF  
 SOURCE: SAU SITE  
 CITY: NASHVILLE STATE: TN  
 STATION: S-2/S SPRING S-2

METALS  
 DATA REPORTING SHEET  
 SEDIMENT/SOIL/( JGL (DRY WT)

EPA-SAU-RG4-IV  
 ATHENS, GA

SAMPLE TYPE: SEDIM

SAU NO.: 82C1440

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644  
 SAMPLE START(DATE & TIME): 05/18/82 1315  
 SAMPLE STOP(DATE & TIME): 00/00/00 0  
 CHEMIST: McDaniel COMPLETED 6-30-82

ELEMENT	STORE#	UNITS
SILVER	01078	311 MG/KG
ARSENIC	01003	1211 MG/KG
BORON	01023	NA MG/KG
HARIUM	01008	330 MG/KG
BERYLLOIUM	01013	311 MG/KG
CADMIUM	01028	311 MG/KG
COHALT	01038	NA MG/KG
CHROMIUM	01029	26 MG/KG
COPPER	01043	5 MG/KG
MOLYBDENUM	01063	611 MG/KG
NICKEL	01068	12 MG/KG
LEAD	01052	16 MG/KG
ANTIMONY	01098	1211 MG/KG
SELENIUM	01148	1211 MG/KG
TIN	01103	3011 MG/KG
STRONTIUM	01083	280 MG/KG
TELLURIUM	45513	1211 MG/KG
TITANIUM	01153	360 MG/KG
THALLIUM	34480	3011 MG/KG
VANADIUM	01088	28 MG/KG
YTTRIUM	45514	45 MG/KG
ZINC	01093	50 MG/KG
ZIRCONIUM	01163	NA MG/KG
MERCURY	71921	0.22 MG/KG
ALUMINUM	01108	20000 MG/KG
MANGANESE	01053	5100 MG/KG
CALCIUM	00917	55000 MG/KG
MAGNESIUM	00924	1600 MG/KG
IRON	01170	32000 MG/KG
SODIUM	00934	490 MG/KG
CHROMIUM,HEXAVALENT		NA MG/KG
% MOISTURE	70320	32

NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 3) A-AVERAGE VALUE  
 4) NA-ELEMENT NOT ANALYZED FOR

5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED  
 6) J-ESTIMATED VALUE  
 7) NAI-INTERFERENCES

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NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 3) J-ESTIMATED VALUE  
 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED  
 5) N/A - INFERENCES  
 6) NA-ELEMENT NOT ANALYZED FOR

DATE: 05/27/82	PROJECT #: A2-131	PROD ELEMENT #: NSF	SOURCE: SAU SITE	CITY: NASHVILLE	STATE: TN	SAMPLE START DATE & TIME: 05/21/82 1340	SAMPLE STOP DATE & TIME: 00/00/00 0	SAU NO.: 82C1441	STATION: S-3/S SPHIG S-3	SILVER	LEAD	ANTIMONY	TIN	TELLURIUM	TITANIUM	VANADIUM	MERCURY	ZIRCONIUM	ALUMINUM	MANGANESE	CALCIUM	MAGNESIUM	IRON	SOIDIUM	CHROMIUM-HFAVAILABLE	SUMS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
ATHEUS	AHSFENIC	RUBIDIUM	CAADIUM	BERRILLIUM	COBALT	CHROMIUM	MOLYBDENUM	LEAD	ANTIMONY	TIN	TELLURIUM	TITANIUM	VANADIUM	MERCURY	ZIRCONIUM	ALUMINUM	MANGANESE	CALCIUM	MAGNESIUM	IRON	SOIDIUM	CHROMIUM-HFAVAILABLE	SUMS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
EPA-SAU-RGDU-LV	01078	20	MG/KG	01003	80	MG/KG	01023	N/A	MG/KG	01008	190	MG/KG	01028	20	MG/KG	01038	N/A	MG/KG	01029	18	MG/KG	01043	6	MG/KG	01052	15	MG/KG	01148	80	MG/KG	01094	80	MG/KG	01103	200	MG/KG	01153	130	MG/KG	01163	N/A	MG/KG	011921	0.22	MG/KG	01193	59	MG/KG	012088	16	MG/KG	012514	62	MG/KG	01293	59	MG/KG	013093	62	MG/KG	013514	62	MG/KG	014088	16	MG/KG	014921	0.22	MG/KG	015163	N/A	MG/KG	01593	59	MG/KG	016000	14000	MG/KG	016053	7200	MG/KG	0160917	130000	MG/KG	016924	2300	MG/KG	017170	18000	MG/KG	00934	880	MG/KG	017921	N/A	MG/KG	018320	28	MG/KG	018441	N/A	MG/KG	018520	28	MG/KG	018641	N/A	MG/KG	018761	N/A	MG/KG	018881	N/A	MG/KG	018921	N/A	MG/KG	019041	N/A	MG/KG	019171	N/A	MG/KG	01924	2300	MG/KG	01953	18000	MG/KG	019924	2300	MG/KG	020170	18000	MG/KG	020934	880	MG/KG	0217921	N/A	MG/KG	022320	28	MG/KG	022441	N/A	MG/KG	022561	N/A	MG/KG	022681	N/A	MG/KG	022811	N/A	MG/KG	022931	N/A	MG/KG	023051	N/A	MG/KG	023171	N/A	MG/KG	023301	N/A	MG/KG	023421	N/A	MG/KG	023541	N/A	MG/KG	023661	N/A	MG/KG	023781	N/A	MG/KG	023901	N/A	MG/KG	024021	N/A	MG/KG	024141	N/A	MG/KG	024261	N/A	MG/KG	024381	N/A	MG/KG	024501	N/A	MG/KG	024621	N/A	MG/KG	024741	N/A	MG/KG	024861	N/A	MG/KG	024981	N/A	MG/KG	025101	N/A	MG/KG	025221	N/A	MG/KG	025341	N/A	MG/KG	025461	N/A	MG/KG	025581	N/A	MG/KG	025701	N/A	MG/KG	025821	N/A	MG/KG	025941	N/A	MG/KG	026061	N/A	MG/KG	026181	N/A	MG/KG	026301	N/A	MG/KG	026421	N/A	MG/KG	026541	N/A	MG/KG	026661	N/A	MG/KG	026781	N/A	MG/KG	026901	N/A	MG/KG	027021	N/A	MG/KG	027141	N/A	MG/KG	027261	N/A	MG/KG	027381	N/A	MG/KG	027501	N/A	MG/KG	027621	N/A	MG/KG	027741	N/A	MG/KG	027861	N/A	MG/KG	027981	N/A	MG/KG	028101	N/A	MG/KG	028221	N/A	MG/KG	028341	N/A	MG/KG	028461	N/A	MG/KG	028581	N/A	MG/KG	028701	N/A	MG/KG	028821	N/A	MG/KG	028941	N/A	MG/KG	029061	N/A	MG/KG	029181	N/A	MG/KG	029301	N/A	MG/KG	029421	N/A	MG/KG	029541	N/A	MG/KG	029661	N/A	MG/KG	029781	N/A	MG/KG	029901	N/A	MG/KG	030021	N/A	MG/KG	030141	N/A	MG/KG	030261	N/A	MG/KG	030381	N/A	MG/KG	030501	N/A	MG/KG	030621	N/A	MG/KG	030741	N/A	MG/KG	030861	N/A	MG/KG	030981	N/A	MG/KG	031101	N/A	MG/KG	031221	N/A	MG/KG	031341	N/A	MG/KG	031461	N/A	MG/KG	031581	N/A	MG/KG	031701	N/A	MG/KG	031821	N/A	MG/KG	031941	N/A	MG/KG	032061	N/A	MG/KG	032181	N/A	MG/KG	032301	N/A	MG/KG	032421	N/A	MG/KG	032541	N/A	MG/KG	032661	N/A	MG/KG	032781	N/A	MG/KG	032901	N/A	MG/KG	033021	N/A	MG/KG	033141	N/A	MG/KG	033261	N/A	MG/KG	033381	N/A	MG/KG	033501	N/A	MG/KG	033621	N/A	MG/KG	033741	N/A	MG/KG	033861	N/A	MG/KG	033981	N/A	MG/KG	034101	N/A	MG/KG	034221	N/A	MG/KG	034341	N/A	MG/KG	034461	N/A	MG/KG	034581	N/A	MG/KG	034701	N/A	MG/KG	034821	N/A	MG/KG	034941	N/A	MG/KG	035061	N/A	MG/KG	035181	N/A	MG/KG	035301	N/A	MG/KG	035421	N/A	MG/KG	035541	N/A	MG/KG	035661	N/A	MG/KG	035781	N/A	MG/KG	035901	N/A	MG/KG	036021	N/A	MG/KG	036141	N/A	MG/KG	036261	N/A	MG/KG	036381	N/A	MG/KG	036501	N/A	MG/KG	036621	N/A	MG/KG	036741	N/A	MG/KG	036861	N/A	MG/KG	036981	N/A	MG/KG	037101	N/A	MG/KG	037221	N/A	MG/KG	037341	N/A	MG/KG	037461	N/A	MG/KG	037581	N/A	MG/KG	037701	N/A	MG/KG	037821	N/A	MG/KG	037941	N/A	MG/KG	038061	N/A	MG/KG	038181	N/A	MG/KG	038301	N/A	MG/KG	038421	N/A	MG/KG	038541	N/A	MG/KG	038661	N/A	MG/KG	038781	N/A	MG/KG	038901	N/A	MG/KG	039021	N/A	MG/KG	039141	N/A	MG/KG	039261	N/A	MG/KG	039381	N/A	MG/KG	039501	N/A	MG/KG	039621	N/A	MG/KG	039741	N/A	MG/KG	039861	N/A	MG/KG	039981	N/A	MG/KG	040101	N/A	MG/KG	040221	N/A	MG/KG	040341	N/A	MG/KG	040461	N/A	MG/KG	040581	N/A	MG/KG	040701	N/A	MG/KG	040821	N/A	MG/KG	040941	N/A	MG/KG	041061	N/A	MG/KG	041181	N/A	MG/KG	041301	N/A	MG/KG	041421	N/A	MG/KG	041541	N/A	MG/KG	041661	N/A	MG/KG	041781	N/A	MG/KG	041901	N/A	MG/KG	042021	N/A	MG/KG	042141	N/A	MG/KG	042261	N/A	MG/KG	042381	N/A	MG/KG	042501	N/A	MG/KG	042621	N/A	MG/KG	042741	N/A	MG/KG	042861	N/A	MG/KG	042981	N/A	MG/KG	043101	N/A	MG/KG	043221	N/A	MG/KG	043341	N/A	MG/KG	043461	N/A	MG/KG	043581	N/A	MG/KG	043701	N/A	MG/KG	043821	N/A	MG/KG	043941	N/A	MG/KG	044061	N/A	MG/KG	044181	N/A	MG/KG	044301	N/A	MG/KG	044421	N/A	MG/KG	044541	N/A	MG/KG	044661	N/A	MG/KG	044781	N/A	MG/KG	044901	N/A	MG/KG	045021	N/A	MG/KG	045141	N/A	MG/KG	045261	N/A	MG/KG	045381	N/A	MG/KG	045501	N/A	MG/KG	045621	N/A	MG/KG	045741	N/A	MG/KG	045861	N/A	MG/KG	045981	N/A	MG/KG	046101	N/A	MG/KG	046221	N/A	MG/KG	046341	N/A	MG/KG	046461	N/A	MG/KG	046581	N/A	MG/KG	046701	N/A	MG/KG	046821	N/A	MG/KG	046941	N/A	MG/KG	047061	N/A	MG/KG	047181	N/A	MG/KG	047301	N/A	MG/KG	047421	N/A	MG/KG	047541	N/A	MG/KG	047661	N/A	MG/KG	047781	N/A	MG/KG	047901	N/A	MG/KG	048021	N/A	MG/KG	048141	N/A	MG/KG	048261	N/A	MG/KG	048381	N/A	MG/KG	048501	N/A	MG/KG	048621	N/A	MG/KG	048741	N/A	MG/KG	048861	N/A	MG/KG	048981	N/A	MG/KG	049101	N/A	MG/KG	049221	N/A	MG/KG	049341	N/A	MG/KG	049461	N/A	MG/KG	049581	N/A	MG/KG	049701	N/A	MG/KG	049821	N/A	MG/KG	049941	N/A	MG/KG	050061	N/A	MG/KG	050181	N/A	MG/KG	050301	N/A	MG/KG	050421	N/A	MG/KG	050541	N/A	MG/KG	050661	N/A	MG/KG	050781	N/A	MG/KG	050901	N/A	MG/KG	051021	N/A	MG/KG	051141	N/A	MG/KG	051261	N/A	MG/KG	051381	N/A	MG/KG	051501	N/A	MG/KG	051621	N/A	MG/KG	051741	N/A	MG/KG	051861	N/A	MG/KG	051981	N/A	MG/KG	052101	N/A	MG/KG	052221	N/A	MG/KG	052341	N/A	MG/KG	052461	N/A	MG/KG	052581	N/A	MG/KG	052701	N/A	MG/KG	052821	N/A	MG/KG	052941	N/A	MG/KG	053061	N/A	MG/KG	053181	N/A	MG/KG	053301	N/A	MG/KG	053421	N/A	MG/KG	053541	N/A	MG/KG	053661	N/A	MG/KG	053781	N/A	MG/KG	053901	N/A	MG/KG	054021	N/A	MG/KG	054141	N/A	MG/KG	054261	N/A	MG/KG	054381	N/A	MG/KG	054501	N/A	MG/KG	054621	N/A	MG/KG	054741	N/A	MG/KG	054861	N/A	MG/KG	054981	N/A	MG/KG	055101	N/A	MG/KG	055221	N/A	MG/KG	055341	N/A	MG/KG	055461	N/A	MG/KG	055581	N/A	MG/KG	055701	N/A	MG/KG	055821	N/A	MG/KG	055941	N/A	MG/KG	056061	N/A	MG/KG	056181	N/A	MG/KG	056301	N/A	MG/KG	056421	N/A	MG/KG	056541	N/A	MG/KG	056661	N/A	MG/KG	056781	N/A	MG/KG	056901	N/A	MG/KG	057021	N/A	MG/KG	057141	N/A	MG/KG	057261	N/A	MG/KG	057381	N/A	MG/KG	057501	N/A	MG/KG	057621	N/A	MG/KG	057741	N/A	MG/KG	057861	N/A	MG/KG	057981	N/A	MG/KG	058101	N/A	MG/KG	058221	N/A	MG/KG	058341	N/A	MG/KG	058461	N/A	MG/KG	058581	N/A	MG/KG	058701	N/A	MG/KG	058821	N/A	MG/KG	058941	N/A	MG/KG	059061	N/A	MG/KG	059181	N/A	MG/KG	059301	N/A	MG/KG	059421	N/A	MG/KG	059541	N/A	MG/KG	059661	N/A	MG/KG	059781	N/A	MG/KG	059901	N/A	MG/KG	060021	N/A	MG/KG	060141	N/A	MG/KG	060261	N/A	MG/KG	060381	N/A	MG/KG	060501	N/A	MG/KG	060621	N/A	MG/KG	060741	N/A	MG/KG	060861	N/A	MG/KG	060981	N/A	MG/KG	061101	N/A	MG/KG	061221	N/A	MG/KG	061341	N/A	MG/KG	061461	N/A	MG/KG	061581	N/A	MG/KG	061701	N/A	MG/KG	061821	N/A	MG/KG	061941	N/A	MG/KG	062061	N/A	MG/KG	062181	N/A	MG/KG	062301	N/A	MG/KG	062421	N/A	MG/KG	062541	N/A	MG/KG	062661	N/A	MG/KG	062781	N/A	MG/KG	062901	N/A	MG/KG	063021	N/A	MG/KG	063141	N/A	MG/KG	063261	N/A	MG/KG	063381	N/A	MG/KG	063501	N/A	MG/KG	063621	N/A	MG/KG	063741	N/A	MG/KG	063861	N/A	MG/KG	063981	N/A	MG/KG	064101	N/A	MG/KG	064221	N

DATE: 05/27/82

METALS  
DATA REPORT SHEET  
SEDIMENT/SOIL/S. /GE (DRY WT)

EPA-SAO-PGII-IV  
ATHENS

PROJECT #: R2-131 PHOG ELEMENT #: NSF

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE TYPE: SEDIM

SAMPLE START(DATE &amp; TIME): 05/18/82 1405

CITY: NASHVILLE STATE: TN

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

STATION: SP4-5/S SPRING 4/5

SAD NO.: 82C1442

CHEMIST: McDaniel COMPLETED 6-30-82

ELEMENT	STORE#	UNITS
SILVER	01078	211 MG/KG
ARSENIC	01003	80 MG/KG
IRON	01023	NA MG/KG
BARIUM	01008	90 MG/KG
BERYLLIUM	01013	20 MG/KG
CADMUM	01020	20 MG/KG
COBALT	01038	40 MG/KG
CHROMIUM	01029	15 MG/KG
COPPER	01043	4.4 MG/KG
MOLYBDENUM	01063	40 MG/KG
NICKEL	01068	8 MG/KG
LEAD	01052	9 MG/KG
ANTIMONY	01098	80 MG/KG
SELENIUM	01148	80 MG/KG
TIN	01103	200 MG/KG
STRONTIUM	01083	100 MG/KG
TELLURIUM	45513	80 MG/KG
TITANIUM	01153	140 MG/KG
THALLIUM	34480	200 MG/KG
VANADIUM	01048	20 MG/KG
YTTRIUM	45514	39 MG/KG
ZINC	01093	22 MG/KG
ZIRCONIUM	01163	NA MG/KG
MERCURY	71921	0.25 MG/KG
ALUMINUM	01103	15000 MG/KG
MANGANESE	01053	780 MG/KG
CALCIUM	00917	28000 MG/KG
MAGNESIUM	00924	2000 MG/KG
IRON	01170	14000 MG/KG
SODIUM	00934	370 MG/KG
CHROMIUM,HEXAVALENT		NA MG/KG
& MOISTURE	70320	30

NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 3) A-AVERAGE VALUE  
 4) NA-ELEMENT NOT ANALYZED FOR

5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED  
 6) J-ESTIMATED VALUE  
 7) NAI-INTERFERENCES

2

C

0251

DATE: 05/27/82

METALS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SL (DRY WT)

EPA-SAD-RUN-IV  
ATHENS, GA

PROJECT #: E2-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE TYPE: SEDIM

SAMPLE START(DATE &amp; TIME): 05/18/82 1250

CITY: NASHVILLE

STATE: TN

SAMPLE STOP(DATE &amp; TIME): 06/00/00 0

STATION: T-2/S INU. AREA CREEK

SAD NO.: 82C1439

CHEMIST: McDaniel COMPLETED 6-30-82

ELEMENT	STORE#	UNITS
SILVER	01078	211 MG/KG
ARSENIC	01003	80 MG/KG
BORON	01023	NA MG/KG
BAIRUM	01008	130 MG/KG
BERYLLIUM	01013	20 MG/KG
CAIDIUM	01028	20 MG/KG
COBALT	01038	NA MG/KG
CHROMIUM	01029	11 MG/KG
COPPER	01043	5 MG/KG
MOLYBDENUM	01063	40 MG/KG
NICKEL	01068	7 MG/KG
LEAD	01052	46 MG/KG
ANTIMONY	01098	80 MG/KG
SELENIUM	01148	80 MG/KG
TIN	01103	80 MG/KG
STRONTIUM	01043	200 MG/KG
TELLURIUM	45513	330 MG/KG
TITANIUM	01153	80 MG/KG
THALLIUM	34480	110 MG/KG
VANADIUM	01080	20 MG/KG
YTTRIUM	45514	15 MG/KG
ZINC	01093	22 MG/KG
ZIRCONIUM	01163	NA MG/KG
MERCURY	71921	0.050 MG/KG
ALUMINUM	01108	9900 MG/KG
MANGANESE	01053	2000 MG/KG
CALCIUM	00917	2400 MG/KG
MAGNESIUM	00924	5400 MG/KG
IRON	01170	17000 MG/KG
SODIUM	00934	490 MG/KG
CHROMIUM,HEXAVALENT		NA MG/KG
% MOISTURE	70320	18

NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

5) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED

2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

6) J-ESTIMATED VALUE

3) A-AVERAGE VALUE

7) NA-INTERFERENCES

4) NA-ELEMENT NOT ANALYZED FOR

2

3

0252

DATE: 05/21/82

TRANS-SAN JUAN ISLANDS  
ALASKA

PROJECT #: M-131 PROB ELEMENT #: NSF

MATERIAL NUMBER: 82C143d  
SAMPLE RECEIVED DATE & TIME: 05/21/82 1644  
SAMPLE START DATE & TIME: 05/18/82 1120

SOURCE: SAAD SITE

SAMPLE TYPE: SEMIM

CITY: NASHVILLE

STATE: IN

STATION: RCS HELIUM CONFLUENCE

SAU NO.: 82C143d

CHEMIST: Michael COMPLETED 6-30-82

ELEMENT	STOFR T#	UNITS
SILVER	01078	-- 20 -- MG/KG
AKSENIC	01003	-- 80 -- MG/KG
BORON	01023	-- NA -- MG/KG
BARIUM	01000	-- 130 -- MG/KG
BERYLLIUM	01013	-- 20 -- MG/KG
CADMIUM	01028	-- 20 -- MG/KG
COBALT	01038	-- NA -- MG/KG
CIRUUM	01029	-- 15 -- MG/KG
COPPER	01043	-- 13 -- MG/KG
MOLYBDENUM	01003	-- 40 -- MG/KG
NICKEL	01068	-- 6.5 -- MG/KG
LEAD	01052	-- 140 -- MG/KG
ANTIMONY	01098	-- 80 -- MG/KG
SELENIUM	01148	-- 80 -- MG/KG
TRI	01103	-- 260 -- MG/KG
STRONTIUM	01083	-- 3.10 -- MG/KG
TELUHRIUM	45513	-- 80 -- MG/KG
TITANIUM	01153	-- 120 -- MG/KG
THALLIUM	34480	-- 200 -- MG/KG
VANADIUM	01088	-- 18 -- MG/KG
YTTRIUM	45514	-- 29 -- MG/KG
ZINC	01043	-- 38 -- MG/KG
IRONONIUM	01163	-- NA -- MG/KG
FETOCUARY	71921	-- 0.050 -- MG/KG
ALUMINUM	01108	-- 1200 -- MG/KG
MANGANESE	01053	-- 1800 -- MG/KG
CALCIUM	00917	-- 230000 -- MG/KG
MAGNESIUM	00924	-- 5400 -- MG/KG
LITHIUM	01170	-- 2200 -- MG/KG
SODIUM	00934	-- 590 -- MG/KG
CHROMIUM HEXAVALENT	NA	-- MG/KG
% MOISTURE	70320	-- 19 -- MG/KG

NOTES: 1) P-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 2) I-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 3) A-AVERAGE VALUE  
 4) N-ELEMENT NOT ANALYZED FOR

1) UNMINERAL WAS ANALYZED FOR BUT NOT DETECTED  
 2) J-ESTIMATED VALUE  
 3) NAI-INTERFERENCES

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

11/02/82

METALS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: B2C2839 SAMPLE TYPE: SOIL

PROJECT NO.: 82-1318 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE THOUSDALE RD  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CF-SP  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/16/82 0  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST: MAW  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO: D 1343 INORG SAMPLE NO.: MU 9042  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY Mtn AN LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

>DATA REPORTED ON WET WEIGHT BASIS

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

- \*A-AVERAGE VALUE
- \*NA-NOT ANALYZED
- \*NAI-INTERFERENCES
- \*J-ESTIMATED VALUE
- \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

RESULTS	UNITS	ELEMENT	STORE
1.7	MG/KG	SILVER	01076
1.5	MG/KG	ARSENIC	01003
100	MG/KG	BORON	01023
35	MG/KG	BARIUM	01008
0.5U	MG/KG	BERYLLIUM	01013
1.0	MG/KG	CADMIUM	01028
5.5	MG/KG	COBALT	01038
8.8	MG/KG	CHROMIUM	01029
5U	MG/KG	COPPER	01043
NA	MG/KG	MOLYBDENUM	01063
8.9	MG/KG	NICKEL	01068
2.2	MG/KG	LEAD	01052
2U	MG/KG	ANTIMONY	01098
0.2U	MG/KG	SELENIUM	01148
2U	MG/KG	TIN	01103
NA	MG/KG	STRONTIUM	01083
NA	MG/KG	TELLURIUM	45513
NA	MG/KG	TITANIUM	01153
1U	MG/KG	THALLIUM	34480
20U	MG/KG	VANADIUM	01088
NA	MG/KG	YITHRIUM	45514
12	MG/KG	ZINC	01093
NA	MG/KG	ZIRCONIUM	01163
0.02U	MG/KG	MERCURY	71921
2000	MG/KG	ALUMINUM	01108
5600	MG/KG	MANGANESE	01053
NA	MG/KG	CALCIUM	00917
NA	MG/KG	MAGNESIUM	00926
10000	MG/KG	IRON	01170
NA	MG/KG	SODIUM	00934
%	MG/KG	CHROMIUM, HEXAVALENT	70320
%	MG/KG	MOISTURE	

2  
8  
0254

DATE: 05/27/82

PROJECT #: 82-131 PROG ELEMENT #: NSF

SOURCE: SAAU SITE

CITY: NASHVILLE

STATION: PW-1W NEWMAN WELL

EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORT SHEET  
WATEREPA-SAU-HGN.IV  
ATHENS

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SAMPLE TYPE: DRKWA

SAMPLE START(DATE &amp; TIME): 05/18/82 1330

STATE: TN

SAD NO.: 82C1426

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

CHEMIST: E.W. Loy, Jr. COMPLETED 6-25-82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
N-NITROSODIMETHYLAMINE	34438	NA	BENZO(A)ANTHRACENE	34526	120
1,2-DIPHENYLHYDRAZINE	34346	UG/L	CHRYSENE	34320	120
BENZIDINE	39120	NA	3,3'-DICHLOROBENZIDINE	34631	120
1,3-DICHLOROBENZENE	34566	120	DI-N-OCTYLPHthalate	34596	120
1,4-DICHLOROBENZENE	34571	120	BENZO(B)FLUORANTHENE	34230	120
1,2-DICHLOROBENZENE	34536	120	BENZO(K)FLUORANTHENE	34242	120
BIS(2-CHLOROETHYL) ETHER	34273	120	BENZO-A-PYRENE	34247	120
HEXACHLOROETHANE	34396	120	INDENO (1,2,3-C) PYRENE	34403	120
BIS(2-CHLOROSUPROPYL) ETHER	34283	120	DIBENZO(A,H)ANTHRACENE	34556	120
N-NITROSODI-N-PROPYLAMINE	34428	120	BENZO(GH)PERYLENE	34521	120
NITROBENZENE	34447	120	2-CHLOROPHENOL	34586	120
HEXACHLOROBUTADIENE	39702	120	2-NITROPHENOL	34591	120
1,2,4-TRICHLOROBENZENE	34551	120	PHENOL	34694	120
NAPHTHALENE	34696	120	2,4-DIMETHYLPHENOL	34606	120
BIS(2-CHLOROETHOXY) METHANE	34278	120	2,4-DICHLOROPHENOL	34601	120
ISOPHORONE	34408	120	2,4,6-TRICHLOROPHENOL	34621	120
HEXACHLOROCYCLOPENTADIENE (HCCP)	34386	120	4-CHLORO-3-METHYLPHENOL	34452	120
2-CHLORONAPHTHALENE	34581	120	2,4-DINITROPHENOL	34616	380
ACENAPHTHYLENE	34200	120	2-METHYL-4,6-DINITROPHENOL	34657	380
ACENAPHTHENE	34205	120	PENTACHLOROPHENOL	39032	380
DIMETHYL PHthalate	34341	120	4-NITROPHENOL	34646	250
2,4-DINITROTOLUENE	34611	120	% MOISTURE	70320	---
2,6-DINITROTOLUENE	34626	120			UG/L
4-CHLOROPHENYL PHENYL ETHER	34641	120			UG/L
FLUORENE	34381	120			UG/L
DIETHYL PHthalate	34336	120			UG/L
N-NITROSODIPHENYLAMINE	34433	120			UG/L
HEXACHLOROBENZENE (HCH)	39700	120			UG/L
4-BROMOPHENYL PHENYL ETHER	34636	120			UG/L
PHENANTHRENE	34461	120			UG/L
ANTHRACEN	34220	120			UG/L
DI-N-BUTYLPHthalate	39110	120			UG/L
FLUORANTHENE	34376	120			UG/L
PYRENE	34469	120			UG/L
BENZYL-BUTYL PHthalate	34292	120			UG/L
BIS(2-ETHYLHEXYL) PHthalate	39100	120			UG/L

NOTES: 1) J-ESTIMATED VALUE

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) NA-COMPONENT NOT ANALYZED FOR.

6) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

7) A-AVERAGE VALUE

8) AND/OR AZUBENZENE

9) AND/OR DIPHENYLAMINE

10) BENZO(B)FLUORANTHENE AND/OR BENZO(K)FLUORANTHENE

0255

DATE: 05/27/82

PROJECT #: H2-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE

STATE: TN

STATION: PW-ZW LANKFORD WELL

EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
WATER

 EPA-SAP RGN.IV  
ATHEN A

SAMPLE TYPE: DHKWA

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SAU NO.: 82C1427

SAMPLE START(DATE &amp; TIME): 05/18/82 1400

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

CHEMIST: E.W. Loy, Jr. COMPLETED 6-25-82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS	
N-NITROSODIMETHYLAMINE	34438	NA	UG/L	34526	10U	UG/L
1,2-DIPHENYLHYDRAZINE /H	34346	NA	UG/L	34320	10U	UG/L
BENZIDINE	39120	NA	UG/L	34631	10U	UG/L
1,3-DICHLOROBENZENE	34566	10U	UG/L	34596	10U	UG/L
1,4-DICHLOROBENZENE	34571	10U	UG/L	34230	10U	UG/L
1,2-DICHLOROBENZENE	34536	10U	UG/L	34242	10U	UG/L
BIS(2-CHLOROETHYL) ETHER	34273	10U	UG/L	34247	10U	UG/L
HEXACHLOROETHANE	34396	10U	UG/L	34403	10U	UG/L
BIS(2-CHLOROISOPROPYL) ETHER	34283	10U	UG/L	34556	10U	UG/L
N-NITROSODI-N-PROPYLAMINE	34428	10U	UG/L	34521	10U	UG/L
NITROBENZENE	34447	10U	UG/L	34586	10U	UG/L
HEXACHLOROBUTADIENE	39702	10U	UG/L	34591	10U	UG/L
1,2,4-TRICHLOROBENZENE	34551	10U	UG/L	34694	10U	UG/L
NAPHTHALENE	34696	10U	UG/L	34606	10U	UG/L
BIS(2-CHLOROETHOXY) METHANE	34278	10U	UG/L	34601	10U	UG/L
ISOPHORONE	34408	10U	UG/L	34621	10U	UG/L
HEXACHLOROCYCLOPENTADIENE (HCCP)	34386	10U	UG/L	34452	10U	UG/L
2-CHLORONAPHTHALENE	34581	10U	UG/L	34616	30U	UG/L
ACENAPHTHYLENE	34200	10U	UG/L	34657	30U	UG/L
ACENAPHTHENE	34205	10U	UG/L	39032	10U	UG/L
DIMETHYL PHTHALATE	34341	10U	UG/L	34646	20U	UG/L
2,4-DINITROTOLUENE	34611	10U	UG/L	70320	---	UG/L
2,6-DINITROTOLUENE	34626	10U	UG/L	---	---	UG/L
4-CHLOROPHENYL PHENYL ETHER	34641	10U	UG/L	---	---	UG/L
FLUORENE	34381	10U	UG/L	---	---	UG/L
DIETHYL PHTHALATE	34336	10U	UG/L	---	---	UG/L
N-NITROSODIPHENYLAMINE /9	34433	10U	UG/L	---	---	UG/L
HEXACHLOROBENZENE (HCB)	39700	10U	UG/L	---	---	UG/L
4-BROMOPHENYL PHENYL ETHER	34636	10U	UG/L	---	---	UG/L
PHENANTHRENE	34461	10U	UG/L	---	---	UG/L
ANTHRACENE	34220	10U	UG/L	---	---	UG/L
DI-N-BUTYL PHTHALATE	39110	10U	UG/L	---	---	UG/L
FLUORANTHENE	34376	10U	UG/L	---	---	UG/L
PYRENE	34469	10U	UG/L	---	---	UG/L
BENZYL-BUTYL PHTHALATE	34292	10U	UG/L	---	---	UG/L
BIS(2-ETHYLHEXYL) PHTHALATE	39100	10U	UG/L	---	---	UG/L

- NOTES: 1) J-ESTIMATED VALUE  
 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
 THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 5) NA-COMPONENT NOT ANALYZED FOR.

- 6) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 7) A-AVERAGE VALUE  
 8) AND/OR AZOBENZENE  
 9) AND/OR DIPHENYLAMINE  
 10) BENZO(B)FLUORANTHENE AND/OR BENZO(K)FLUORANTHENE

2

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0256

DATE: 05/21/82

EXTRACTABLE ORGANIC ANALYSIS  
DATA RECEIVING SHEET  
WATEREPA-SAO, RGN. IV  
ATH, GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE START(DATE &amp; TIME): 05/19/82 1200

CITY: NASHVILLE

STATE: TN

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

STATION: FB-W FRANKLIN BRICK

SAI NO.: 82C1435

CHEMIST: E.W. Toy, Jr. COMPLETED 6-28-82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
N-NITROSODIMETHYLAMINE	34438	NA	BENZO(A)ANTHRACENE	34526	100
1,2-DIPHENYLHYDRAZINE /8	34346	UG/L	CHRYSENE	34320	100
BENZIQUINE	39120	NA	3,3'-DICHLOROBENZIDINE	34631	100
1,3-DICHLOROBENZENE	34566	100	DI-N-OCTYLPHthalate	34596	100
1,4-DICHLOROBENZENE	34571	100	HENZO(B)FLUORANTHENE /10	34230	100
1,2-DICHLOROBENZENE	34536	100	HENZO(K)FLUORANTHENE /10	34242	100
HIS(2-CHLOROETHYL) ETHER	34273	100	BENZO-A-PYRENE	34247	100
HEXACHLOROETHANE	34396	100	INDENO (1,2,3-CD) PYRENE	34403	100
BIS(2-CHLOROISOPROPYL) ETHER	34283	100	DIBENZO(A,H)ANTHRACENE	34556	100
N-NITROSODI-N-PROPYLAMINE	34428	100	BENZO(GH)PERYLENE	34521	100
NITROBENZENF	34447	100	Z-CHLOROPHENOL	34586	100
HEXACHLOROBUTADIENE	39702	100	Z-NITROPHENOL	34591	100
1,2,4-TRICHLOROBENZENE	34551	100	PHENOL	34694	100
NAPHTHALENE	34696	100	Z,4-DIMETHYLPHENOL	34606	3.8J
BIS(2-CHLOROETHOXY) METHANE	34278	100	Z,4-DICHLOROPHENOL	34601	100
ISOPHORONE	34408	100	Z,4,6-TRICHLOROPHENOL	34621	100
HEXACHLOROCYCLOPENTADIENE (HCCP)	34386	100	4-CHLORO-3-METHYLPHENOL	34452	100
2-CHLORONAPHTHALENE	34581	100	Z,4-DINITROPHENOL	34616	300
ACENAPHTHYLENE	34200	100	Z-METHYL-Z,6-DINITROPHENOL	34657	300
ACENAPHTHENE	34205	1.0J	PENTACHLOROPHENOL	39032	300
DIMETHYL PHthalate	34341	100	4-NITROPHENOL	34646	200
Z,4-DINITROTOLUENE	34611	100	% MOISTURE	70320	---
Z,6-DINITROTOLUENE	34626	100			UG/L
4-CHLOROPHENYL PHENYL ETHER	34641	100			UG/L
FLUORENE	34381	100	naphthaleneamine (3 isomers)		25.JN
DIETHYL PHthalate	34336	100	C <sub>1</sub> -alkylbenzenesulfonamide		10.JN
N-NITROSODIPHENYLAMINE /9	34433	100	phosphoric acid, tributyl ester		10.JN
HEXACHLOROBENZENE (HCB)	39700	100	C <sub>1</sub> -alkylbenzenesulfonamide		10.JN
4-BROMOPHENYL PHENYL ETHER	34636	100	hexadecanoic acid		10.JN
PHENANTHRENE	34461	100	methylphenol		10.JN
ANTHRACENE	34220	100	2 unidentified compounds		UG/L
DI-N-BUTYLPHthalate	39110	100		10.JN - 50JN	UG/L
FLUORANTHENE	34376	1.0J			UG/L
PYRENE	34469	1.0J			UG/L
BENZYL-BUTYL PHthalate	34292	100			UG/L
BIS(2-ETHYLHEXYL) PHthalate	39100	100			UG/L

NOTES: 1) J-ESTIMATED VALUE

6) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

2)

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

7) A-AVERAGE VALUE

3)

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

8) AND/OR AZOBENZENE  
9) AND/OR DIPHENYLAMINE

4)

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

10) BENZ(D)FLUORANTHENE AND/OR HENZO(K)FLUORANTHENE

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) NA-COMPOND NOT ANALYZED FOR.

0257

DATE: 05/27/82

EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
WATER

EPA-SAO, RGN. IV  
ATHE/SA

PROJECT #: D2-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE STATE: TN

STATION: LN-DL-W / DEGREES DRAINAGE

SAMPLE TYPE: INDEF

SAU NO.: 82C1437

SAMPLE RECEIVED (DATE &amp; TIME): 05/21/82 1644

SAMPLE START (DATE &amp; TIME): 05/19/82 1130

SAMPLE STOP (DATE &amp; TIME): 06/00/00 0

CHEMIST: E.W. Loy, Jr. COMPLETED 6-25-82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
N-NITROSODIMETHYLAMINE	34438	NA	BENZO(A)ANTHRACENE	34526	50U
1,2-DIPHENYLHYDRAZINE	34346	UG/L	CHRYSENE	34320	5J
BENZIDINE	39120	NA	3,3'-DICHLOOROBENZIDINE	34631	50U
1,3-DICHLOROBENZENE	34566	50U	DI-N-OCTYLPHthalATE	34596	50U
1,4-DICHLOROBENZENE	34571	50U	BENZO(B)FLUORANTHENE /10	34230	50U
1,2-DICHLOROBENZENE	34536	50U	BENZO(K)FLUORANTHENE /10	34242	50U
BIS(2-CHLOPOETHYL) ETHER	34273	50U	BENZO-A-PYRENE	34247	50U
HEXACHLOROETHANE	34396	50U	INDENO (1,2,3-CD) PYRENE	34403	50U
HIS(2-CHLOROISOPROPYL) ETHER	34283	50U	DIBENZO(A,H)ANTHRACENE	34556	50U
N-NITROSO-DI-N-PROPYLAMINE	34428	50U	BENZO(GH)PERYLENE	34521	14J
NITROHENZENF	34447	50U	2-CHLOROPHENOL	34586	50U
HEXACHLOROBUTADIENE	39702	50U	2-NITROPHENOL	34591	50U
1,2,4-TRICHLOROBENZENE	34551	50U	PHENOL	34694	50U
NAPHTHALENE	34696	50U	2,4-DIMETHYLPHENOL	34606	50U
HIS(2-CHLOROETHOXY) METHANE	34278	50U	2,4-DICHLOROPHENOL	34601	50U
ISOPHORONE	34408	50U	2,4,6-TRICHLOROPHENOL	34621	50U
HEXACHLOROCYCLOPENTADIENE (HCCP)	34386	50U	4-CHLORO-3-METHYLPHENOL	34452	50U
2-CHLORONAPHTHALENE	34581	50U	2,4-DINITROPHENOL	34616	150U
ACENAPHTHYLENE	34200	50U	2-METHYL-4,6-DINITROPHENOL	34657	150U
ACENAPHTHENE	34205	50U	PENTACHLOROPHENOL	39032	84J
DIMETHYL PHthalATE	34341	50U	4-NITROPHENOL	34646	100U
2,4-DINITROTOLUENE	34611	50U	% MOISTURE	70320	
2,6-DINITROTOLUENE	34626	50U			UG/L
4-CHLOROPHENYL PHENYL ETHER	34641	50U			UG/L
FLUORENE	34381	50U	C <sub>1</sub> alkylnaphthalene (2 isomers)	50JN	UG/L
DIETHYL PHthalATE	34336	50U	dibenzothiophene	50JN	UG/L
N-NITROSO-DIPHENYLAMINE	34433	50U	methyl dibenzothiophene (2 isomers)	50JN	UG/L
HEXACHLOROBENZENE (HCB)	39700	50U	C <sub>2</sub> alkyl naphthalothiophene (2 isomers)	50JN	UG/L
4-BROMOPHENYL PHENYL ETHER	34636	50U	C <sub>2</sub> alkylphenanthrene	50JN	UG/L
PHENANTHRENE	34461	50U			UG/L
ANTHRACENE	34220	50U			UG/L
DI-N-BUTYLPHthalATE	39110	50U			UG/L
FLUORANTHENE	34376	50U			UG/L
PYRENE	34469	50U			UG/L
BENZYL-BUTYL PHthalATE	34292	50U			UG/L
BIS(2-ETHYLHEXYL) PHthalATE	39100	50U			UG/L

NOTES: 1) J-ESTIMATED VALUE

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) NA-COMPONENT NOT ANALYZED FOR.

6) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

7) A-AVERAGE VALUE

8) AND/OR AZOBENZENE

9) AND/OR DIPHENYLAMINE

10) BENZO(B)FLUORANTHENE AND/OR BENZO(K)FLUORANTHENE

2

80

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25

88

DATE: 05/27/82 PROJECT #: H2-131 PROB ELEMENT #: NSF

EXTRACTABLE OILS ANALYSIS  
DATA REPORTING SHEET

SOURCE: SAND SITE CITY: NASHVILLE STATE: TN STATION: LN-US-W OIL SEPARATOR

COMPOUND	STORE #	UNITS	COMPOUND	STORE #	UNITS
N-NITROSONITRHYLAMINE	34438	NA	HENZO (A) ANTHRACENE	34526	10U
1,2-DIPHENYLHYDRAZINE	34396	UG/L	CINNAMIC ACID	34320	10U
BENZIDINE	39120	NA	3,3'-DICHLOROBENZIDINE	34631	10U
1,3-DICHLOROBENZENE	34566	10U	DI-N-OCTYL PHthalate	34596	10U
1,4-DICHLOROBENZENE	34571	10U	HENZO (A) FLUORANTHENE /10	34230	10U
1,2-DICHLOROBENZENE	34536	10U	HENZO (K) FLUORANTHENE /10	34242	10U
HIS(2-CHLOROETHYL) ETHER	34273	10U	HENZO-A-PYRENE	34247	10U
HEXACHLOROETHANE	34396	10U	INDENO (1,2,3-CD) PYRENE	34403	10U
HIS(2-CHLOROSOPROPYL) ETHER	34283	10U	DHENZO (A, H) ANTHRACENE	34556	10U
N-NITROSO(N-M)PROPYLAMINE	34428	10U	HENZO (M) PERYLENE	34521	10U
NITROBENZENE	34447	10U	2-CHLOROPHENOL	34586	10U
HEXAChLOROUMIDYL ETHER	39702	UG/L	2-NITROPHENOL	34591	10U
1,2,4-TRICHLOROBENZENE	34551	10U	PHENOL	34694	10U
NAPHTHALENE	34696	10U	2,4-DIMETHYLPHENOL	34606	10U
HIS(2-CHLOROETHoxy) METHANE	34278	10U	2,4-DICHLOROPHENOL	34601	10U
ISOPHORONE	34408	10U	2,4,6-TRICHLOROPHENOL	34621	10U
HEXACHLOROCYCLOPENTADIENE (HCCP)	34346	10U	4-CHLORO-3-METHYLPHENOL	34452	10U
2-CHLORONAPHTHALENE	34581	10U	2,4-DINITROPHENOL	34616	10U
ACENAPHTHYLENE	34200	10U	2-METHYL-4,6-DINITROPHENOL	34657	10U
ACENAPHTHENE	34205	10U	PENIACLUOROPHENOL	39032	30U
DIMETHYL PHthalate	34341	10U	4-NITROPHENOL	34646	20U
2,4-DINITRODOLUKE	34611	10U	MOLTSKURF	70320	15JN
2,6-DINITROTOLUKE	34626	10U	tetrahydrodromethylnaphthalene (2 isomers)	10JN	UG/L
4-CHLOROPHENYL PHENYL ETHER	34641	10U	C <sub>2</sub> -allylnaphthalene (2 isomers)	21JN	UG/L
FLUORENE	34381	10U	octahydrohexamethylindene	50JN	UG/L
DIETHYL PHthalate	34336	10U	C <sub>3</sub> -allylnaphthalene (7 isomers)	150JN	UG/L
N-NITROSONIPHENYLAMINE /9	34433	10U	C <sub>4</sub> -allylnaphthalene (5 isomers)	10JN	UG/L
HEXAChLOROBENZENE (HCB)	36700	10U	C <sub>5</sub> -alkyl biphenyl	20JN	UG/L
6-BROMOPHENYL PHENYL ETHER	34636	10U	methyl dibenzobiphenole	10JN	UG/L
PHENANTHRENE	34661	10U	methylphenanthrene	40JN	UG/L
ANTHRACENE	34220	10U	C <sub>2</sub> -alkyl phenanthrene (4 isomers)	10JN	UG/L
DI-ETHYLPHthalate	39110	10U	C <sub>3</sub> -alkyl phenanthrene (6 isomers)	10JN	UG/L
FLUORANTHENE	34376	10U	methyl biphenylene	10JN	UG/L
PYRENE	34469	10U	the chromatogram indicates the presence of		UG/L
BENZYL-BUTYL PHthalate	34292	10U	a petroleum type product		UG/L
HIS(2-ETHYLHEXYL) PHthalate	39100	10U			UG/L

- NOTES: 1) ESTIMATED VALUE  
 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
 THE NUMBER IS THE MINIMUM DETECTION LIMIT.
- 5) NA-COMPOUND NOT ANALYZED FOR.

6) N-PKF SUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

- 1) AVERAGE VALUE.  
 2) AND/OR AZURENTE.  
 3) AND/OR DIPHENYLAMINE  
 10) HENZO (K) FLUORANTHENE AND/OR HENZO (M) FLUORANTHENE

b) N-PKF SUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

8

0259



DATE: 05/27/82

EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
WATER

EPA-510, RGII, IV  
ATLANTA, GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE

STATE: TN

STATION: S-7/W SPRING 7

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SAMPLE START(DATE &amp; TIME): 05/18/82 1500

SAMPLE STOP(DATE &amp; TIME): 06/06/00 0

SAD NO.: 82C1434

CHEMIST: E.W. Loy, Jr. COMPLETED 6-28-82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
N-NITROSODIMETHYLAMINE	34438	NA UG/L	* BENZO(A)ANTHRACENE	34526	10U UG/L
1,2-DIPHENYLHYDRAZINE	34346	NA UG/L	* CHRYSENE	34320	10U UG/L
BENZIDINE	39120	NA UG/L	* 3,3'-DICHLOROBENZIDINE	34631	10U UG/L
1,3-DICHLOROBENZENE	34566	10U UG/L	* DI-N-OCTYLPHthalate	34596	10U UG/L
1,4-DICHLOROBENZENE	34571	10U UG/L	* BENZO(H)FLUORANTHENE /10	34230	10U UG/L
1,2-DICHLOROBENZENE	34536	10U UG/L	* BENZO(K)FLUORANTHENE /10	34242	10U UG/L
BIS(2-CHLOROETHYL) ETHER	34273	10U UG/L	* BENZO-A-PYRENE	34247	10U UG/L
HEXACHLOROETHANE	34396	10U UG/L	* INDENO (1,2,3-CD) PYRENE	34403	10U UG/L
BIS(2-CHLOROISOPROPYL) ETHER	34283	10U UG/L	* DIBENZO(A,H)ANTHRACENE	34556	10U UG/L
N-NITROSODI-N-PROPYLAMINE	34428	10U UG/L	* BENZO(GHI)PERYLENE	34521	10U UG/L
NITROBENZENE	34447	10U UG/L	* 2-CHLOROPHENOL	34586	10U UG/L
HEXACHLOROBUTADIENE	39702	10U UG/L	* 2-NITROPHENOL	34591	10U UG/L
1,2,4-TRICHLOROPHENZENE	34551	10U UG/L	* PHENOL	34694	10U UG/L
NAPHTHALENE	34696	10U UG/L	* 2,4-DIMETHYLPHENOL	34606	10U UG/L
BIS(2-CHLOROETHOXY) METHANE	34278	10U UG/L	* 2,4-DICHLOROPHENOL	34601	10U UG/L
ISOPHORONE	34408	10U UG/L	* 2,4,6-TRICHLOROPHENOL	34621	10U UG/L
HEXACHLOROCYCLOPENTADIENE (HCPC)	34386	10U UG/L	* 4-CHLORO-3-METHYLPHENOL	34452	10U UG/L
2-CHLORONAPHTHALENE	34581	10U UG/L	* 2,4-DINITROPHENOL	34616	300 UG/L
ACENAPHTHYLENE	34200	10U UG/L	* 2-METHYL-4,6-DINITROPHENOL	34657	300 UG/L
ACENAPHTHENE	34205	10U UG/L	* PENTACHLOROPHENOL	39032	300 UG/L
DIMETHYL PHTHALATE	34341	10U UG/L	* 4-NITROPHENOL	34646	200 UG/L
2,4-DINITROTOLUENE	34611	10U UG/L	* % MOISTURE	70320	---
2,6-DINITROTOLUENE	34626	10U UG/L			UG/L
4-CHLOROPHENYL PHENYL ETHER	34641	10U UG/L		10JN	UG/L
FLUORENE	34381	10U UG/L		10JN	UG/L
DIETHYL PHTHALATE	34336	10U UG/L			UG/L
N-NITROSODIPHENYLAMINE /9	34433	10U UG/L			UG/L
HEXACHLOROBENZENE (HCB)	39700	10U UG/L			UG/L
4-BROMOPHENYL PHENYL ETHER	34636	10U UG/L			UG/L
PHENANTHRENE	34461	10U UG/L			UG/L
ANTHRACENE	34220	10U UG/L			UG/L
DI-N-BUTYLPHthalate	39110	10U UG/L			UG/L
FLUORANTHENE	34376	10U UG/L			UG/L
PYRENE	34469	10U UG/L			UG/L
BENZYL-BUTYL PHTHALATE	34292	10U UG/L			UG/L
BIS(2-ETHYLHEXYL) PHTHALATE	39100	10U UG/L			UG/L

NOTES: 1) J-ESTIMATED VALUE  
 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
     THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 5) NA-COMPOND NOT ANALYZED FOR.

6) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 (J) AVERAGE VALUE  
 (K) AND/OR AZOBENZENE  
 (L) AND/OR DIPHENYLAMINE  
 (U) BENZO(B)FLUORANTHENE AND/OR BENZO(K)FLUORANTHENE

N  
OO  
N  
C

**EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORT 3 SHEET  
WATER**

EPA-SAC IGN-IV  
ATHENS

SAMPLE RECEIVED (DATE & TIME): 05/21/82 1644

SAMPLE STOP (DATE & TIME): 00/00/00 0

CHEMIST: E.W. Loy, Jr. COMPLETED 6-28-82

SAID NO.: R2C1433

COMPOUND	STORE #	UNITS	COMPOUND	STORE #	UNITS
N-NITROSODIMETHYLAMINE	34438	UG/L	BENZO(A)ANTHRACENE	34526	10U UG/L
1,2-DIPHENYLHYDRAZINE	34346	UG/L	CHRYSENE	34320	10U UG/L
BTENZIDINE	39120	UG/L	3,3'-DICHLOROBENZIDINE	34631	10U UG/L
1,3-DICHLOROBENZENE	34566	UG/L	1,4-DICHLOROBENZENE	34596	10U UG/L
1,4-DICHLOROBENZENE	34571	UG/L	BENZO(B)FLUORANTHENE	34230	10U UG/L
1,2-DICHLOROBENZENE	34536	UG/L	BENZO(K)FLUORANTHENE	34242	10U UG/L
BIS(2-CHLOROETHYL) ETHER	34273	UG/L	BENZO-A-PYRENE	34247	10U UG/L
HEXACHLOROETHANE	34396	UG/L	INDENO (1,2,3-CD) PYRENE	34403	10U UG/L
BIS(2-CHLOROISOPROPYL) ETHER	34283	UG/L	DIBENZO(A,H)ANTHRACENE	34556	10U UG/L
N-NITROSDI- <i>n</i> -PROPYL AMINE	34428	UG/L	MENZO (GH) PERYLENE	34521	10U UG/L
NITROBENZENE	34447	UG/L	2-CHLOROPHENOL	34586	10U UG/L
HEXACHLOROBUTADIENE	39702	UG/L	2-NITROPHENOL	34591	10U UG/L
1,2,4-TRICHLOROBENZENE	34551	UG/L	PHENOL	34694	10U UG/L
NAPHTHALENE	34696	UG/L	2,4-DIMETHYLPHENOL	34606	10U UG/L
BIS(2-CHLOROETHoxy) METHANE	34278	UG/L	2,4-DICHLOROPHENOL	34601	10U UG/L
ISOPHORONE	34408	UG/L	2,4,6-TRICHLOROPHENOL	34621	10U UG/L
HEXACHLOROCYCLOPENTADIENE (HCPC)	34386	UG/L	4-CHLORO-3-METHYLPHENOL	34452	10U UG/L
2-CHLORONAPHTHALENE	34581	UG/L	2,4-DINITROPHENOL	34616	30U UG/L
ACENAPHTHYLENE	34200	UG/L	2-METHYL-4,6-DINITROPHENOL	34657	30U UG/L
ACENAPHTHENE	34205	UG/L	PENTACHLOROPHENOL	39032	20U UG/L
4-CHLOROPHENYL PHENYL ETHER	34341	UG/L	4-NITROPHENOL	34646	20U UG/L
2,4-DINITROTOLUENE	34611	UG/L	% MOISTURE	70320	---
2,6-DINITROTOLUENE	34626	UG/L	---	---	UG/L
FLUORENE	34641	UG/L	---	---	UG/L
DIETHYL PHthalATE	34381	UG/L	---	---	UG/L
N-NITROSODIMETHYLAMINE	34336	UG/L	---	---	UG/L
HEXAChLOROBENZENE (HCB)	34433	UG/L	---	---	UG/L
4-HROMOPHENYL PHENYL ETHER	34700	UG/L	---	---	UG/L
PHENANTHRENE	34636	UG/L	---	---	UG/L
ANTHACENE	34461	UG/L	---	---	UG/L
DI-N-HUTYLPHthalATE	34220	UG/L	---	---	UG/L
FLUORANTHENE	34376	UG/L	---	---	UG/L
PYRENE	34469	UG/L	---	---	UG/L
BENZYL-BUTYL PHthalATE	34292	UG/L	---	---	UG/L
BIS(2-ETHYLHEXYL) PHthalATE	39100	UG/L	---	---	UG/L

NOTES: 1) J-ESTIMATED VALUE KNOWN TO BE LESS THAN VALUE GIVEN.

2) K-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

3) L-ACTUAL VALUE IS KNOWN TO BE NOT DETERMINED.

4) UNANALYZED FOR BUT NOT DETERMINED.

5) THE NUMBER IS THE MINIMUM DETECTION LIMIT.

- 6) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- 7) AVERAGE VALUE
- 8) AND/OR AZOBENZENE
- 9) AND/OR DIPHENYLAMINE
- 10) BENZO(K)FLUORANTHENE AND/OR MENZO(GH)FLUORANTHENE

DATE: 05/27/82

EXTRACELLULAR ORGANIC ANALYSIS  
DATA REPORT TO SITE

PROJECT #: R2-131 PHOT. LITERATURE #: NSF

SOURCE: SAUD SITE

CITY: NASHVILLE STATE: TN

STATION: S-2/W SPOT 146 S-2

## COMPOUND

## STORED IN

## COMPOUND

## STORED IN

## UNITS

	SAMPLE TYPE: AMBRA	SAMPLE START DATE & TIME): 05/18/82 1314	SAMPLE RECEIVED DATE & TIME): 05/21/82 1644
	SAMPLE STOP DATE & TIME): 00/00/00 0	CHEMIST: E.W. LOY, JR.	CHEMIST: E.W. LOY, JR. COMPLETED 6-25-82
N-METHOSULFONIMIDE THIYLAMINE	34438 --- 100	34526 --- 100	34526 --- 100
1,2-DIPHENYL HYDRAZINE /H	34346 --- 06/L	34320 --- 100	34320 --- 100
Ht-NIDINE	34120 --- 06/L	34631 --- 100	34631 --- 100
1,3-DICHLOROBENZENE	34566 --- 100	34596 --- 100	34596 --- 100
1,4-DICHLOROBENZENE	34571 --- 100	34500 --- 100	34500 --- 100
1,2-DICHLOROBENZENE	34536 --- 100	34424 --- 100	34424 --- 100
BIS(2-CHLOROETHYL) ETHER	34273 --- 100	34247 --- 100	34247 --- 100
HEXA CHLOROETHANOL	34396 --- 100	34403 --- 100	34403 --- 100
BIS(2-CHLOROISOPROPYL) ETHER	34283 --- 100	34556 --- 100	34556 --- 100
H-METHOSULF-4-PROPYLAMINE	34428 --- 100	34521 --- 100	34521 --- 100
NITROKARENNE	34447 --- 100	34566 --- 100	34566 --- 100
HEXA CHLOROKRADIOLINE	34702 --- 100	34591 --- 100	34591 --- 100
1,2,4-TRICHLOROPHENOL	34551 --- 100	34694 --- 100	34694 --- 100
NAPHTHALENE	34696 --- 100	34606 --- 100	34606 --- 100
DIS(2-CHLOROETHoxy) MF THIAINE	34278 --- 100	34601 --- 100	34601 --- 100
ISOPHORONE	34408 --- 100	34621 --- 100	34621 --- 100
HEXA CHLOROCYCLOPENTADIENE (HC5CP)	34386 --- 100	34452 --- 100	34452 --- 100
2-CHLORONAPHTHALENE	34581 --- 100	34616 --- 100	34616 --- 100
ACENAPHTHYLENE	34200 --- 100	34657 --- 100	34657 --- 100
ACENAPHTHENE	34205 --- 100	39032 --- 100	39032 --- 100
DIMETHYL PHthalate	34341 --- 100	34646 --- 200	34646 --- 200
2,4-DINITROTOLUENE	34611 --- 100	70320 --- 100	70320 --- 100
2,6-DINITROTOLUENE	34626 --- 100	-----	-----
4-CHLOROPHENYL PHENYL ETHER	34641 --- 100	-----	-----
FLUORENE	34381 --- 100	-----	-----
DIETHYL PHthalate	34336 --- 100	-----	-----
1,1-NITROSODIPHENYLAMINE /9	34433 --- 100	-----	-----
HEXA CHLOROBENZENE (HCB)	39700 --- 100	-----	-----
4-BROMOPHENYL PHENYL ETHER	34636 --- 100	-----	-----
PHENANTHRENE	34461 --- 100	-----	-----
ANTHRACE-N	34220 --- 100	-----	-----
DI-1-BUTYLPHthalate	34110 --- 100	-----	-----
FLUORANTHENE	34376 --- 100	-----	-----
PYRENE	34469 --- 100	-----	-----
BENZYL-BUTYL PHthalate	34292 --- 100	-----	-----
BIS(2-ETHYLHEXYL) PHthalate	39100 --- 100	-----	-----

- NOTES: 1) J-ESTIMATED VALUE  
 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
 5) THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 6) NO-COMPOUND NOT ANALYZED FOR.

b) H-PRT SUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

- 1) AVERAGE VALUE  
 2) AND/OR AZOGENE  
 3) AND/OR DIPHENYLamine  
 4) HENO(TH)FLUORANTHENE AND/OR HENO(TH)FLUORANTHENE

2 80 0263

DATE: 05/27/82

EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORT G SHEET  
WATER

EPA-SAP-RGN-IV  
ATLANTA

PROJECT #: A2-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE TYPE: AMBWA

SAMPLE START(DATE &amp; TIME): 05/18/82 1340

CITY: NASHVILLE

STATE: TN

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

STATION: S-3.1/W SPRING S-3

SAP NO.: 82C1431

CHEMIST: E.W. Loy, Jr. COMPLETED 6-25-82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS	
N-NITROSODIMETHYLAMINE	34438	NA	UG/L	34526	10U	UG/L
1,2-DIPHENYLHYDRAZINE	34346	NA	UG/L	34320	10U	UG/L
BENZIDINE	39120	NA	UG/L	34631	10U	UG/L
1,3-DICHLOROBENZENE	34566	10U	UG/L	34596	10U	UG/L
1,4-DICHLOROBENZENE	34571	10U	UG/L	34230	10U	UG/L
1,2-DICHLOROBENZENE	34536	10U	UG/L	34242	10U	UG/L
BIS(2-CHLOROETHYL) ETHER	34273	10U	UG/L	34247	10U	UG/L
HEXAChLORoETHANE	34396	10U	UG/L	34403	10U	UG/L
HIS(2-CHLOROISOPROPYL) ETHER	34283	10U	UG/L	34556	10U	UG/L
N-NITROSODI-N-PROPYLAMINE	34428	10U	UG/L	34521	10U	UG/L
NITROHENZEN	34447	10U	UG/L	34586	10U	UG/L
HEXAChLOROBUTADIENE	39702	10U	UG/L	34591	10U	UG/L
1,2,4-TRICHLOROBENZENE	34551	10U	UG/L	34694	10U	UG/L
NAPHTHALENE	34696	10U	UG/L	34606	10U	UG/L
BIS(2-CHLOROETHOXY) METHANE	34278	10U	UG/L	34601	10U	UG/L
ISOPHORONE	34408	10U	UG/L	34621	10U	UG/L
HEXAChLOROCYCLOPENTADIENE (HCCP)	34386	10U	UG/L	34452	10U	UG/L
2-CHLORONAPHTHALENE	34581	10U	UG/L	34616	30U	UG/L
ACENAPHTHYLENE	34200	10U	UG/L	34657	30U	UG/L
ACENAPHTHENE	34205	10U	UG/L	39032	30U	UG/L
DIMETHYL PHTHALATE	34341	10U	UG/L	34646	20U	UG/L
2,4-DINITROTOLUENE	34611	10U	UG/L	70320	--	UG/L
2,6-DINITROTOLUENE	34626	10U	UG/L			UG/L
4-CHLOROPHENYL PHENYL ETHER	34641	10U	UG/L		10JR	UG/L
FLUORENE	34381	10U	UG/L		10JN	UG/L
DIETHYL PHTHALATE	34336	10U	UG/L			UG/L
N-NITROSODIPHENYLAMINE	34433	10U	UG/L			UG/L
HEXAChLOROBENZENE (HCB)	39700	10U	UG/L			UG/L
4-BROMOPHENYL PHENYL ETHER	34636	10U	UG/L			UG/L
PHENANTHRENE	34461	10U	UG/L			UG/L
ANTHRACEN	34220	10U	UG/L			UG/L
DI-N-BUTYLPHthalate	39110	10U	UG/L			UG/L
FLUORANTHENE	34376	10U	UG/L			UG/L
PYRENE	34469	10U	UG/L			UG/L
BENZYL-BUTYL PHTHALATE	34292	10U	UG/L			UG/L
BIS(2-ETHYLHEXYL) PHTHALATE	39100	10U	UG/L			UG/L

NOTES: 1) J-ESTIMATED VALUE

6) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

OO

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

7) A-AVERAGE VALUE

OO

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

8) AND/OR AZOBENZENE

C

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

9) AND/OR DIPHENYLAMINE

O

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

10) BENZO(B)FLUORANTHENE AND/OR BENZO(K)FLUORANTHENE

C

5) NA-COMPUND NOT ANALYZED FOR.

DATE: 05/27/42

**EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET**

EPA-S\*\*\*, RGN. IV  
ATHENS, GA

PROJET #: 62-131 PROG ELEMENT #: NSP

SOURCE: SAAD SITE

STATE: IN

STATION: SP4-S/W SPRINGS 4/5

SAC NO.: B2C1432

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644

SAMPLE START(DATE & TIME):05/18/82 1405

SAMPLE STOP(DATE & TIME): 00/00/00 00

CHEMIST: E.W. Loy, Jr. COMPLETED 6-28-82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
N-NITROSODIMETHYLAMINE	34438	UG/L	BENZO(A)ANTHRACENE	34526	10U UG/L
1,2-DIPHENYLHYDRAZINE /8	34346	UG/L	CHRYSENE	34320	10U UG/L
BENZIDINE	39120	UG/L	3,3'-DICHLOROBENZIDINE	34631	10U UG/L
1,3-DICHLOROBENZENE	34566	10U UG/L	DI-N-OCTYLPHthalATE	34596	10U UG/L
1,4-DICHLOROBENZENE	34571	10U UG/L	BENZO(B)FLUORANTHENE /10	34230	10U UG/L
1,2-DICHLOROBENZENE	34536	10U UG/L	BENZO(K)FLUORANTHENE /10	34242	10U UG/L
BIS(2-CHLOROETHYL) ETHER	34273	10U UG/L	BENZO-A-PYRENE	34247	10U UG/L
HEXAChLORoETHANE	34396	10U UG/L	INDENO (1,2,3-CD) PYRENE	34403	10U UG/L
BIS(2-CHLORoisOPROPYL) ETHER	34283	10U UG/L	DI-BENZ(A,H)ANTHRACENE	34556	10U UG/L
N-NITROSODIM-PROPylAMINE	34428	10U UG/L	BENZO(GHI)PERYLENE	34521	10U UG/L
NITROBENZENE	34447	10U UG/L	2-CHLOROPHENOL	34586	10U UG/L
HEXAChLOROBUTADIENE	39702	10U UG/L	2-NITROPHENOL	34591	10U UG/L
1,2,4-TRICHLOROBENZENE	34551	10U UG/L	PHENOL	34694	10U UG/L
NAPHTHALENE	34696	10U UG/L	2,4-DIMETHYLPHENOL	34606	10U UG/L
BIS(2-CHLORoETHoxy) METHANE	34278	10U UG/L	2,4-DICHLOROPHENOL	34601	10U UG/L
ISOPHORONE	34408	10U UG/L	2,4,6-TRICHLOROPHENOL	34621	10U UG/L
HEXAChLOROCYCLOPENTADIENE (HCCP)	34386	10U UG/L	4-CHLORO-3-METHYLPHENOL	34452	10U UG/L
2-CHLORONAPHTHALENE	34581	10U UG/L	2,4,6-DINITROPHENOL	34616	30U UG/L
ACENAPHTHYLENE	34200	10U UG/L	2-METHYL-4,6-DINITROPHENOL	34657	30U UG/L
ACENAPHTHENE	34205	10U UG/L	PENTACHLOROPHENOL	39032	30U UG/L
DIMETHYL PHthalATE	34341	10U UG/L	4-NITROPHENOL	34646	20U UG/L
2,4-DINITROTOLUENE	34611	10U UG/L	% MOISTURE	70320	---
2,6-DINITROTOLUENE	34626	10U UG/L	one unidentified compound		UG/L
4-CHLOROPHENYL PHENYL ETHER	34641	10U UG/L			12JN UG/L
FLUORENE	34381	10U UG/L			---
DIETHYL PHthalATE	34336	10U UG/L			UG/L
N-NITROSODIPHENYLAMINE /9	34433	10U UG/L			UG/L
HEXAChLOROBENZENE (HCH)	39700	10U UG/L			UG/L
4-BROMOPHENYL PHENYL ETHER	34636	10U UG/L			UG/L
PHENANTHRENE	34461	10U UG/L			UG/L
ANTHRACENE	34220	10U UG/L			UG/L
DI-n-BUTYLPHthalATE	39110	10U UG/L			UG/L
FLUORANTHENE	34376	10U UG/L			UG/L
PYRENE	34469	10U UG/L			UG/L
BENZYL-BUTYL PHthalATE	34292	10U UG/L			UG/L
BIS(2-ETHYLHEXYL) PHthalATE	39100	10U UG/L			UG/L

NOTES: 1) J-ESTIMATED VALUE  
2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
5) NA-COMPUND NOT ANALYZED FOR.

- 6) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- 7) A-AVERAGE VALUE
- 8) AND/OR AZOBENZENE
- 9) AND/OR DIPHENYLAMINE
- 10) BENZO(B)FLUORANTHENE AND/OR BENZO(K)FLUORANTHENE

280265

DATE: 05/21/82

WATER

DATA REPORTING SHEET

ATHENS, GA

PROJECT #: 131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE STATE: TN

STATION: 1-2/W IND. AREA CREEK

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SAMPLE TYPE: AMBRA

SAMPLE START(DATE &amp; TIME): 05/18/82 1250

SAD NO.: 82C1429

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

CHEMIST: R.H. Toy, Jr. COMPLETED 6-25-82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
N-NITROSODIMETHYLAMINE	34438	NA UG/L	BENZO(A)ANTHRACENE	34526	10U UG/L
1,2-DIPHENYLHYDRAZINE	34346	NA UG/L	CHRYSENE	34320	10U UG/L
BENZIDINE	39120	NA UG/L	3,3'-DICHLOOROBENZIDINE	34631	10U UG/L
1,3-DICHLOROBENZENE	34566	10U UG/L	DI-N-OCTYLPHthalate	34596	10U UG/L
1,4-DICHLOROBENZENE	34571	10U UG/L	BENZO(B)FLUORANTHENE /10	34230	10U UG/L
1,2-DICHLOROBENZENE	34536	10U UG/L	BENZO(K)FLUORANTHENE /10	34242	10U UG/L
BIS(2-CHLOROETHYL) ETHER	34273	10U UG/L	BENZO-A-PYRENE	34247	10U UG/L
HEXACHLOROPHANE	34396	10U UG/L	INDENO (1,2,3-CD) PYRENE	34403	10U UG/L
HIS(2-CHLOROISOPROPYL) ETHER	34283	10U UG/L	DIBENZO(A,H)ANTHRACENE	34556	10U UG/L
N-NITROSODI-N-PROPYLAMINE	34428	10U UG/L	BENZO(GH)PERYLENE	34521	10U UG/L
1,1THIOBENZENE	34447	10U UG/L	2-CHLOROPHENOL	34586	10U UG/L
HEXACHLOROBUTADIENE	34702	10U UG/L	2-NITROPHENOL	34591	10U UG/L
1,2,4-TRICHLOROBENZENE	34551	10U UG/L	PHENOL	34694	10U UG/L
NAPHTHALENE	34696	10U UG/L	2,4-DIMETHYLPHENOL	34606	10U UG/L
BIS(2-CHLOROETHOXY) METHANE	34278	10U UG/L	2,4-DICHLOROPHENOL	34601	10U UG/L
ISOPHORONE	34404	10U UG/L	2,4,6-TRICHLOROPHENOL	34621	10U UG/L
HEXACHLOROCYCLOPENTADIENE (HCCP)	34386	10U UG/L	4-CHLORO-3-METHYLPHENOL	34452	10U UG/L
2-CHLORONAPHTHALENE	34581	10U UG/L	2,4-DINITROPHENOL	34616	30U UG/L
ACENAPHTHYLENE	34200	10U UG/L	2-METHYL-4,6-DINITROPHENOL	34657	30U UG/L
ACENAPHTHENE	34205	10U UG/L	PENTACHLOROPHENOL	39032	30U UG/L
DIMETHYL PHTHALATE	34341	10U UG/L	4-NITROPHENOL	34646	20U UG/L
2,4-DINITROTOLUENE	34611	10U UG/L	% MOISTURE	70320	-----
2,6-DINITROTOLUENE	34626	10U UG/L	-----	-----	UG/L
4-CHLOROPHENYL PHENYL ETHER	34641	10U UG/L	-----	-----	UG/L
FLUORENE	34381	10U UG/L	-----	-----	UG/L
DIETHYL PHTHALATE	34336	10U UG/L	-----	-----	UG/L
N-NITROSODIPHENYLAMINE /9	34433	10U UG/L	-----	-----	UG/L
HEXACHLOROBENZENE (HCB)	35700	10U UG/L	-----	-----	UG/L
4-BROMOPHENYL PHENYL ETHER	34636	10U UG/L	-----	-----	UG/L
PHENANTHRENE	34461	10U UG/L	-----	-----	UG/L
ANTHRACENE	34220	10U UG/L	-----	-----	UG/L
DI-N-BUTYL PHTHALATE	34110	10U UG/L	-----	-----	UG/L
FLUORANTHENE	34376	10U UG/L	-----	-----	UG/L
PYRENE	34464	10U UG/L	-----	-----	UG/L
BENZYL-BUTYL PHTHALATE	34242	10U UG/L	-----	-----	UG/L
BIS(2-ETHYLHEXYL) PHTHALATE	39100	10U UG/L	-----	-----	UG/L

NOTES: 1) J-ESTIMATED VALUE

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) NA-COMPONENT NOT ANALYZED FOR.

6) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

7) A-AVERAGE VALUE

8) AND/OR AZOBENZENE

9) AND/OR DIPHENYLAMINE

10) BENZO(B)FLUORANTHENE AND/OR BENZO(K)FLUORANTHENE

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DATE: 05/27/82

EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORT SHEET  
WATER

EPA-SAU, RGN, IV  
ATHENS, GA

PROJECT #: B2-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE STATE: TN

STATION: BC/W BELOW CONFLUENCE

SAMPLE TYPE: INDEF

SAMPLE RECEIVED(DATE &amp; TIME): 05/21/82 1644

SAMPLE START(DATE &amp; TIME): 05/18/82 1120

SAMPLE STOP(DATE &amp; TIME): 06/00/00 0

SAD NO.: B2C1428

CHEMIST: E.W. Loy, Jr. COMPLETED 6-25-82

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
N-NITROSODIMETHYLAMINE	34438	UG/L	BENZO(A)ANTHRACENE	34526	12U UG/L
1,2-DIPHENYLHYDRAZINE /8	34346	UG/L	CHRYSENE	34320	12U UG/L
BENZIDINE	39120	UG/L	3,3'-DICHLOROBENZIDINE	34631	12U UG/L
1,3-DICHLOROBENZENE	34566	12U UG/L	DI-N-OCTYLPHthalate	34596	12U UG/L
1,4-DICHLOROBENZENE	34571	12U UG/L	BENZO(B)FLUORANTHENE /10	34230	12U UG/L
1,2-DICHLOROBENZENE	34536	12U UG/L	BENZO(K)FLUORANTHENE /10	34242	12U UG/L
BIS(2-CHLOROETHYL) ETHER	34273	12U UG/L	BENZO-A-PYRENE	34247	12U UG/L
HEXAChLORoETHANE	34396	12U UG/L	INDENO (1,2,3-CD) PYRENE	34403	12U UG/L
HIS(2-CHLOROISOPROPYL) ETHER	34283	12U UG/L	DIBENZO(A,H)ANTHRACENE	34556	12U UG/L
N-NITROSODI-N-PROPYLAMINE	34428	12U UG/L	BENZO(IGH)PERYLENE	34521	12U UG/L
NITROBENZENES	34447	12U UG/L	2-CHLOROPHENOL	34586	12U UG/L
HEXAChLOROBUTADIENE	39702	12U UG/L	2-NITROPHENOL	34591	12U UG/L
1,2,4-TRICHLOROBENZENE	34551	12U UG/L	PHENOL	34694	12U UG/L
NAPHTHALENE	34696	12U UG/L	2,4-DIMETHYLPHENOL	34606	12U UG/L
BIS(2-CHLOROETHoxy) METHANE	34278	12U UG/L	2,4-DICHLOROPHENOL	34601	12U UG/L
ISOPHORONE	34408	12U UG/L	2,4,6-TRICHLOROPHENOL	34621	12U UG/L
HEXAChLOROCYCLOPENTADIENE (HCCP)	34386	12U UG/L	4-CHLORO-3-METHYLPHENOL	34452	12U UG/L
2-CHLORONAPHTHALENE	34581	12U UG/L	2,4-DINITROPHENOL	34616	38U UG/L
ACENAPHTHYLENE	34200	12U UG/L	2-METHYL-4,6-DINITROPHENOL	34657	38U UG/L
ACENAPHTHENE	34205	12U UG/L	PENTACHLOROPHENOL	39032	38U UG/L
DIMETHYL PHthalate	34341	12U UG/L	4-NITROPHENOL	34646	25U UG/L
2,4-DINITROToluENE	34611	12U UG/L	% MOISTURE	70320	-----
2,6-DINITROToluENE	34626	12U UG/L	-----	-----	UG/L
4-CHLOROPHENYL PHENYL ETHER	34641	12U UG/L	-----	-----	UG/L
FLUORENE	34381	12U UG/L	-----	-----	UG/L
DIETHYL PHthalate	34336	12U UG/L	-----	-----	UG/L
N-NITROSDIPHENYLAMINE /9	34433	12U UG/L	-----	-----	UG/L
HEXAChLOROBENZENE (HCB)	39700	12U UG/L	-----	-----	UG/L
4-BROMOPHENYL PHENYL ETHER	34636	12U UG/L	-----	-----	UG/L
PHENANTHRENE	34461	12U UG/L	-----	-----	UG/L
ANTHRACENE	34220	12U UG/L	-----	-----	UG/L
DI-N-BUTYLPHthalate	39110	12U UG/L	-----	-----	UG/L
FLUORANTHENE	34376	12U UG/L	-----	-----	UG/L
PYRENE	34469	12U UG/L	-----	-----	UG/L
BENZYL-BUTYL PHthalate	34292	12U UG/L	-----	-----	UG/L
BIS(2-ETHYLHEXYL) PHthalate	39100	12U UG/L	-----	-----	UG/L

NOTES: 1) J-ESTIMATED VALUE  
 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
 THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 5) NA-COMPUND NOT ANALYZED FOR.

6) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 7) A-AVERAGE VALUE  
 B) AND/OR AZOBENZENE  
 9) AND/OR DIPHENYLAMINE  
 10) BENZO(B)FLUORANTHENE AND/OR BENZO(K)FLUORANTHENE

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MERCURY

CYANIDE

PROJECT #: AS-131	PROG ELEMENT #: NSF	SAMPLE RECEIVED DATE & TIME: 05/21/82 1544	SOURCE: SAM SITE	CITY: NASHVILLE	STATE: TN	SAMPLE TYPE: DHRKA	SAMPLE START(DATE & TIME): 05/18/82 1400	SAMPLE STOP(DATE & TIME): 00/00/00 0	SAF NO.: 82C1427	CHEMIST: Lawless	STATION: PW-2W LANKTURD WELL	UNITS	STORAGE	71900 00720 002K 06/1	MERCURY
DATE: 05/27/	EPA-SA 141.1V	ATHENS, GA	DATA REPORTING SHEET	SPECIFIED PARA	EP ANALYSIS	WATER									

NOTES: 1) J-ESTIMATED VALUE  
2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
5) NAI-INTERFERENCES  
6) A-AVERAGE VALUE  
7) NA-COMPUND NOT ANALYZED FOR.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

DATE: 05/27/1

SPECIFIED PARAMETER ANALYSES  
DATA REPORTING SHEET  
WATER

EPA-SAI/ J. IV  
ATHENS,

PROJECT #: N2-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED (DATE & TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE START DATE & TIME : 05/19/82 1200

CITY: NASHVILLE STATE: TN

SAMPLE STOP(DATE & TIME): 00/00/00 00

STATION: EH-W FRANKLIN BRICK

SAD 120.: APC 1435

CHEMIST: Lawless COMPLETED 6-24-82

ELEMENT	STORED	UNITS
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MERCURY 71900 UG/L  
CYANIDE 00720 .020. MG/L

NOTES: 1) J-ESTIMATED VALUE  
2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
4) M-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) N-NI-INFERENCES  
6) A-AVERAGE VALUE  
7) MA-COMPOUND NOT ANALYZED FOR.

280269

DATE: 05/21

SPECIFIED PARAL CR ANALYSIS  
DATA REPORTING SHEET  
WATER

EPA-SN GR-IV  
ATHENS, GA

PROJECT #: 82-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED DATE &amp; TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE START DATE &amp; TIME): 05/19/82 1020

CITY: NASHVILLE STATE: TN

SAMPLE STOP DATE &amp; TIME): 00/00/00 0

STATION: LN-OS-W OIL SEPARATOR

SAD NO.: 82C1430

CHEMIST: Lawless COMPLETED 6-24-82

ELEMENT	STORE#	UNITS
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MERCURY	71900	UG/L
CYANIDE	00720	MG/L

NOTES: 1) U-ESTIMATED VALUE  
 2) R-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
 THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) NAI-INTERFERENCES  
 6) A-AVERAGE VALUE  
 7) NA-COMPUND NOT ANALYZED FOR.

280270

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESU, REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

11/03/82

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
WATER

RESULTS UNITS PARAMETER  
0.010 MG/L CYANIDE  
6.54 PH  
18.0 DEG C TEMPERATURE

STORED  
00720  
00400  
00010

PROJECT NO.: 82-1318 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE THOUSDALE RD  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CF-SP  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/16/82 1000  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST: MAW CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO: D 1342 INORG SAMPLE NO.: MU 9041  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): HOCKY MTN AN LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: VLC DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

- \*A-AVERAGE VALUE
- \*NA-NOT ANALYZED
- \*NAI-INTERFERENCES
- \*J-ESTIMATED VALUE
- \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

DATE: 05/27/82

SPECIFIED PARAMETER ANALYSIS  
DATA REPORTING SHEET  
WATER

EPA-SAU U.IV  
ATHENS, GA

PROJECT #: H2-131 PPG ELEMENT #: NSF

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644

SOURCE: SAUD SITE

SAMPLE START(DATE & TIME): 05/18/82 1500

CITY: NASHVILLE STATE: TN

SAMPLE STOP(DATE & TIME): 00/00/00 0

STATION: S-7/W SPRINGS

SAU NO.: H2C1434

CHEMIST: Lawless COMPLETED 6-24-82

ELEMENT STORE# UNITS

MERCURY 71900 ug/l  
CYANIDE 00720 002K mg/l

NOTES: 1) J-ESTIMATED VALUE  
2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
4) M-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) NA=INTERFERENCES  
6) A=AVERAGE VALUE  
7) NA=COMPOUND NOT ANALYZED FOR.

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DATE: 05/27/82

SPECIFIED PARAMETERS ANALYSIS  
DATA REPORTING SHEET  
WATER

EPA-SA-1414-V  
ATHENS, GA

PROJECT #: H2-131 PROG ELEMENT #: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE STATE: TN

STATION: S-2/N SPRING S-2

SAMPLE TYPE: AMBWA

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644

SAMPLE START(DATE & TIME): 05/18/82 1115

SAMPLE STOP(DATE & TIME): 00/00/00 0

CHEMIST: Lawless COMPLETED 6-24-82

ELEMENT STORE# UNITS

MERCURY 71900 UG/L  
CYANIDE 00720 002K MG/L

NOTES: 1) J-ESTIMATED VALUE  
2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) NAI-INTERFERENCES  
6) A-AVERAGE VALUE  
7) NA-COMPUND NOT ANALYZED FOR.

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280274

DATE: 05/27/82	PROJECT #: HS-131	PROG ELEMENT #: NSF	SAMPLE RECEIVED(DATE & TIME): 05/21/82 1544	SOURCE: SAME SITE	CITY: NASHVILLE	STATION: S-31/W SPARES-S-3	ELIMINATE	MEPCRY	CYANIDE			
EP-A-SAD, 00000, IV	ATHERNS, 5A	SAMPLE RECEIVED(DATE & TIME): 05/21/82 1544	SAMPLE TYPE: AMMWA	SAMPLE START(DATE & TIME): 05/18/82 1340	SAMPLE STOP(DATE & TIME): 00/00/00 0	SAB NO.: 82C1431	CHIMIST: Lawless	UNITS	STOURE #	71900	00720	0028-Mg/L
(	) ANALYSIS	SPECIFIED PARAMETER(S)	DATA REPORTING SITE	MATERIAL	STATE: TN	ELIMINATE						

NOTES: 1) U-ESTIMATED VALUE  
2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
3) U-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
4) U-MATERIAL WAS NOT ANALYZED FOR BUT NOT DETECTED.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5 NAL-INTERFERENCES

b) AVERAGE VALUE

c) NA-COMPOUND NOT ANALYZED FOR.

02/5

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EP-A-SA  
ATMENS-IV

DATE:05/27/

PROJECT #: R2-131	PROG ELEMENT #: NSE	SAMPLE RECEIVED DATE & TIME: 05/21/82 1644	SOURCE: SAAD SITE	CITY: NASHVILLE	STATION: SP4-S/W SPRINGS 4/5	CHEMIST: Labless	SAU NO.: R2C1432	UNITS	STORED	MERCURY
		SAMPLE START(DATE & TIME): 05/18/82 1405			SAMPLE TYPE: AMBWA	SAMPLE STOP(DATE & TIME): 00/00/00 0		06/1	71900	CYANIDE
								.002K MG/L	00720	

NOTES: 1) 3-ESTIMATED VALUE  
 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 4) O-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
 5) NA-INTERFENCES  
 6) AVERAGE VALUE  
 7) NA-COHPOND NOT ANALYZED FOR.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

DATE: 05/27/82

SPECIFIED PARAMETER ANALYSIS  
DATA REPORT SHEET  
WATER

EPA-SAO, PAN. IV  
ATHENS, G

PROJECT #: 82-131 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE & TIME): 05/21/82 1644

SOURCE: SAAD SITE

SAMPLE START(DATE & TIME): 05/18/82 1120

CITY: NASHVILLE STATE: TN.

SAMPLE STOP(DATE & TIME): 00/00/00 0

STATION: BC/W BELOW CONFLUENCE

SAN NO.: 82C1428

CHEMIST: Lawless COMPLETED 6-24-82

ELEMENT STORE# UNITS

MERCURY 71900 ug/l  
CYANIDE 00720 .002K mg/l

NOTES: 1) J-ESTIMATED VALUE

5) NA1-INTERFERENCES

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

6) A-AVERAGE VALUE

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

7) NA-COMPUND NOT ANALYZED FOR.

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESI, REG IV  
ATHENS GEORGIA

12/15/82 PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: R2C2831 SAMPLE TYPE: AMBWA

PROJECT NO.: 82-131A PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-WT-1  
STORET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 08/18/82 845  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C. H. WILSON RECEIVED FROM:  
SAMPLE REC'D DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST: DGR  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO.: D 1339 INORG SAMPLE NO.: MD 9039  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUTECH  
CONTRACT LABORATORY(INORGANIC): ROCKY Mtn AN LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC SAMPLE DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*  
>QUANT. IS SUSPECT BASED ON QC DATA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STORED
1000	UG/L	ACROLEIN	34210
1000	UG/L	ACRYLONITRILE	34215
100	UG/L	CHLOROMETHANE	34418
100	UG/L	BROMOETHANE	34613
100	UG/L	VINYLCHLORIDE	39175
100	UG/L	CHLOROETHANE	34311
100	UG/L	METHYLENE CHLORIDE	34423
100	UG/L	1,1-DICHLOROETHENE	34501
100	UG/L	1,1-DICHLOROETHANE	34496
100	UG/L	TRANS-1,2-DICHLOROETHENE	34546
74	UG/L	CHLORFORM	32106
100	UG/L	1,2-DICHLOROETHANE	32103
100	UG/L	1,1,1-TRICHLOROETHANE	34502
100	UG/L	CARBON TETRACHLORIDE	32101
100	UG/L	BROMODICHLOROMETHANE	34541
100	UG/L	1,2-DICHLOROPROPANE	34699
100	UG/L	TRANS-1,3-DICHLOROPROPENE	34140
100	UG/L	TETRACHLOROETHENE	34030
100	UG/L	BEZENE	34336
100	UG/L	1,1,1,2-TETRACHLOROMETHANE	34511
100	UG/L	CIS-1,3-DICHLOROPROPENE	34704
100	UG/L	2-CHLOROETHYL VINYL ETHER	34576
100	UG/L	BROMOFORM	32104
100	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
100	UG/L	TETRACHLOROETHENE	34475
100	UG/L	TOLENE	34010
100	UG/L	CHLOROBENZENE	34301
NA	UG/L	EIHYL BENZENE	34371
NA	UG/L	M-XYLENE	
NA	UG/L	OEP-XYLENE(4IXED)	

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A=AVERAGE VALUE \*NA=NOT ANALYZED \*NAI=INTERFERENCES  
\*J=ESTIMATED VALUE \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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02/77

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESU, REG IV  
ATHENS GEORGIA

12/15/82      PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 82C2835      SAMPLE TYPE: MONWL

PROJECT NO.: 82-131B      PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD  
CITY: NASHVILLE      STATE: TN

STATION I.D.: SS-CF-MW3  
STORET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 09/16/82 1445  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C. H. WILSON      RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0      REC'D BY:  
SEALED:

CHEMIST: DGR  
ANALYTICAL METHOD:

CASE NO.: 1220      ORG SAMPLE NO.: D 1345      INORG SAMPLE NO.: MD 9044  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC      SAMPLE DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STORET
1000	UG/L	ACROLEIN	34210
1000	UG/L	ACRYLONITRILE	34215
1000	UG/L	CHLOROMEETHANE	34418
1000	UG/L	BROMOMEETHANE	34413
1000	UG/L	VINYL CHLORIDE	39175
1000	UG/L	CHLOROETHANE	34311
1000	UG/L	METHYLENE CHLORIDE	34423
1000	UG/L	1,1-DICHLOROETHENE	34501
1000	UG/L	1,1-DICHLOROETHANE	34496
1000	UG/L	TRANS-1,4-DICHLOROETHENE	34546
1000	UG/L	CHLORDFORM	32106
1000	UG/L	1,2-DICHLOROETHANE	32103
1000	UG/L	1,1,1-TRICHLOROETHANE	34506
1000	UG/L	CARBON TETRACHLORIDE	32102
1000	UG/L	BROMODICHLOROMEETHANE	32101
1000	UG/L	1,2-DICHLOROPROPANE	34541
1000	UG/L	TRANS-1,3-DICHLOROPROPENE	34649
1000	UG/L	TRICHLOROETHENE	39190
1000	UG/L	BENZENE	34030
1000	UG/L	DIBROMOCHLOROMEETHANE	34305
1000	UG/L	1,1,2-TRICHLOROETHANE	34311
1000	UG/L	CIS-1,3-DICHLOROPROPENE	34704
1000	UG/L	2-CHLOROETHYL VINYL ETHER	34576
1000	UG/L	BROMOFORM	32104
1000	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
1000	UG/L	TETRACHLOROETHENE	34475
1000	UG/L	TOLUENE	34010
1000	UG/L	CHLORDRENZENE	34301
NA	UG/L	ETHYL BENZENE	34371
NA	UG/L	M-XYLENE	
NA	UG/L	OGP-XYLENE(MIXED)	

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\* A=AVVERAGE VALUE      \* NA=NOT ANALYZED      \* NAI=INTERFERENCES  
\* J=ESTIMATED VALUE      \* NP=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\* K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\* L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\* U=MATERIAL WAS ANALYZED BUT NOT DETECTED, THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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02/8

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

12/15/82      PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 82C2836      SAMPLE TYPE: MONOL

PROJECT NO.: 82-1318      PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD  
CITY: NASHVILLE      STATE: TN

STATION I,D: SS-CF-Mw4  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/16/82 1515  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON      RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00      REC'D BY:  
SEALED:

CHEMIST: DGR  
ANALYTICAL METHOD:

CASE NO.: 1220      ORG SAMPLE NO.: D 1346      INORG SAMPLE NO.: MD 9045  
CONTRACT LABORATORY(ORGANIC): HEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY Mtn AN LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC      SAMPLE DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*

\*\*\*\*\*  
\*\*\*FOOTNOTES\*\*\*

- \*A=AVERAGE VALUE      \*NA=NOT ANALYZED      \*N/A=INTERFERENCES
- \*J=ESTIMATED VALUE      \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U=MATERIAL WAS ANALYZED BUT NOT DETECTED, THE NUMBER IS THE MINIMUM DETECTION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STORET
1000	UG/L	ACROLEIN	34210
1000	UG/L	ACRYLONITRILE	34215
100	UG/L	CHLOROMETHANE	34918
100	UG/L	BROMOMETHANE	34413
100	UG/L	VINYL CHLORIDE	39175
61	UG/L	CHLOROETHANE	34311
100	UG/L	METHYLENE CHLORIDE	34623
100	UG/L	1,1-DICHLOROETHENE	34501
67	UG/L	1,1-DICHLOROETHANE	34496
10J	UG/L	TRANS-1,2-DICHLOROETHENE	39546
100	UG/L	CHLOROFORM	32106
100	UG/L	1,2-DICHLOROETHANE	32103
100	UG/L	1,1,1-TRICHLOROETHANE	34506
100	UG/L	CARBON TETRACHLORIDE	32102
100	UG/L	BROMODICHLOROMETHANE	32101
100	UG/L	1,2-DICHLOROPROPANE	34541
100	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
100	UG/L	TRICHLOROETHENE	34180
100	UG/L	BENZENE	34030
100	UG/L	DIBROMOCHLOROMETHANE	34306
100	UG/L	1,1,2-TRICHLOROETHANE	34511
100	UG/L	CIS-1,3-DICHLOROPROPENE	34704
100	UG/L	2-CHLOROETHYL VINYL ETHER	34576
100	UG/L	ARACHIDONIC ACID	32104
100	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
100	UG/L	TETRACHLOROETHENE	34475
100	UG/L	TOluene	34010
100	UG/L	CHLOROBENZENE	34301
100	UG/L	ETHYL BENZENE	343/1
NA	UG/L	m-XYLENE	
NA	UG/L	o,p-XYLENE(MIXED)	

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

12/15/82

PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 82C2837      SAMPLE TYPE: MONWL

PROJECT NO.: 82-131A      PROGRAM ELEMENTS: NSF  
SOURCE: SAID SITE TROUSDALE RD  
CITY: NASHVILLE      STATE: TN

STATION 1 D 1 SS-CF-M-N5  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/16/82 1545  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON      RECEIVED FROM:  
SAMPLE REC'D DATE/TIME 00/00/00      REC'D BY:  
SEALED:

CHEMIST: DGR  
ANALYTICAL METHOD:

CASE NO.: 1220      DRG SAMPLE NO.: D 1347      INORG SAMPLE NO.: MD 9045  
CONTRACT LABORATORY(ORGANIC): HEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY Mtn AN LARS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC      SAMPLE DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*  
>QUANT. IS SUSPECT BASED ON QC DATA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STORET
100U	UG/L	ACROLEIN	34210
100U	UG/L	ACRYLONITRILE	34215
100U	UG/L	CHLORDRUMPFIANE	39418
100U	UG/L	CHLORODIFIRANE	34413
100U	UG/L	VINYL CHLORIDE	39175
100U	UG/L	CHLOROETHANE	34311
100U	UG/L	METHYLENE CHLORIDE	34423
100U	UG/L	1,1-DICHLOROETHENE	34501
100U	UG/L	1,1-DICHLOROETHANE	34496
100U	UG/L	TRANS-1,2-DICHLOROETHENE	34546
100U	UG/L	CHLOROFORM	32106
100U	UG/L	1,2-DICHLOROETHANE	32103
100U	UG/L	1,1,1-TRICHLOROETHANE	34506
100U	UG/L	CARBON TETRACHLORIDE	32102
100U	UG/L	3-PYRIDYLCHLORODIMEIHANE	32101
100U	UG/L	1,2-DICHLOROPROPANE	34541
100U	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
100U	UG/L	1,1,1-TRICHLOROETHENE	39180
100U	UG/L	BENZENE	34030
100U	UG/L	DIBROMOCHLORODIMEIHANE	34306
100U	UG/L	1,1,2-TRICHLOROETHANE	34511
100U	UG/L	CIS-1,3-DICHLOROPROPENE	34704
100U	UG/L	2-CHLOROETHYL VINYL ETHER	34576
100U	UG/L	PROPYDFORM	32104
100U	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
100U	UG/L	TETRACHLOROETHENE	34475
100U	UG/L	TOLEUNE	34010
100U	UG/L	CHLOROBENZENE	34301
100U	UG/L	ETHYL BENZENE	34371
NA	UG/L	H-XYLENE	
NA	UG/L	DEP-XYLENE(MIXED)	

\*\*\*FOOTNOTES\*\*\*

- \*A=AVVERAGE VALUE      \*N=NOT ANALYZED      \*NA=INTERFERENCES
- \*J=ESTIMATED VALUE      \*P=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

12/15/82      PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 82C2832      SAMPLE TYPE: MONWL

PROJECT NO.: 82-131H      PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD  
CITY: NASHVILLE      STATE: TN

STATION I, D, SS-1H-MWB  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/15/82 1445  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C. H. WILSON      RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0      REC'D BY:  
SEALED:

CHEMIST: DGR  
ANALYTICAL METHOD:

CASE NO.: 1220      ORG SAMPLE NO.: 0 1341      INORG SAMPLE NO.: MD 9040  
CONTRACT LABORATORY(ORGANIC): HEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC      SAMPLE DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*  
>QUANT. IS SUSPECT BASED ON QC DATA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STORET
100U	UG/L	ACROLEIN	34210
100U	UG/L	ACRYLONITRILE	34215
100U	UG/L	CHLOROMETHANE	34414
100U	UG/L	BROMOMETHANE	34413
100U	UG/L	VINYL CHLORIDE	39175
15	UG/L	CHLOROETHANE	34311
100U	UG/L	METHYLENE CHLORIDE	34923
21	UG/L	1,1-DICHLOROETHENE	34501
100U	UG/L	1,1-DICHLOROETHANE	34496
100U	UG/L	TRANS-1,2-DICHLOROETHENE	34546
100U	UG/L	CHLOROFORM	32106
100U	UG/L	1,2-DICHLOROETHANE	32103
69	UG/L	1,1,1-TRICHLOROETHANE	34506
100U	UG/L	CARBON TETRACHLORIDE	32102
100U	UG/L	BROMODICHLOROMETHANE	32101
100U	UG/L	1,2-DICHLOROPROPANE	34541
240	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
100U	UG/L	TRICHLOROETHENE	39180
100U	UG/L	BENZENE	34030
100U	UG/L	DIBROMOCHLOROMETHANE	34306
100U	UG/L	1,1,2-TRICHLOROETHANE	34511
100U	UG/L	CIS-1,3-DICHLOROPROPENE	34704
100U	UG/L	2-CHLOROETHYL VINYL ETHER	34576
100U	UG/L	BROMOFORM	32104
100U	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
100U	UG/L	TETRACHLOROETHENE	34475
100U	UG/L	TOLEUENE	34010
100U	UG/L	CHLORDBENZENE	34301
NA	UG/L	ETHYL BENZENE	34371
NA	UG/L	M-XYLENE	
NA	UG/L	o,p-XYLENE(MIXED)	

\*\*\*\*\*FOOTNOTES\*\*\*  
\*A=AVERAGE VALUE      \*NA=NOT ANALYZED      \*NAI=INTERFERENCES  
\*B=ESTIMATED VALUE      \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*C=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*D=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-PSO, REG IV  
ATHENS GEORGIA

12/15/82      PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: B2C283H      SAMPLE TYPE: MONOL

PROJECT NO.: 82-1318      PROGRAM ELEMENTS: NSF  
SOURCE: SAU SITE TROUSDALE RD  
CITY: NASHVILLE      STATE: TN

STATION I.D.: SS-SS-MW7  
STORET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 09/17/82 945  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON      RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00      REC'D BY:  
SEALED:

CHEMIST: DGR  
ANALYTICAL METHOD:

CASE NO.: 1220      DRG SAMPLE NO.: D 1356      INORG SAMPLE NO.: MD 9047  
CONTRACT LABORATORY(ORGANIC): HEAD COMPUTECH  
CONTRACT LABORATORY(INORGANIC): ROCKY Mtn AN LABS

REMARK: DRG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC      SAMPLE DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*  
>QUANT. IS SUSPECT BASED ON QC DATA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STORET
1000	UG/L	ACROLEIN	34210
1000	UG/L	ACRYLONITRILE	34215
100	UG/L	CHLOROMETHANE	34418
100	UG/L	BROMOMETHANE	34413
6600	UG/L	VINYL CHLORIDE	39175
740	UG/L	CHLOROETHANE	34311
19000	UG/L	METHYLENE CHLORIDE	34623
690	UG/L	1,1-DICHLOROETHENE	34501
1100	UG/L	1,1-DICHLOROETHANE	34496
95000	UG/L	TRANS-1,2-DICHLOROETHENE	34546
11	UG/L	CHLOROFORM	32106
31	UG/L	1,2-DICHLOROETHANE	32103
15000	UG/L	1,1,1-TRICHLOROETHANE	34506
100	UG/L	CARBON TETRACHLORIDE	32102
100	UG/L	BROMODICHLOROMETHANE	32101
100	UG/L	1,2-DICHLOROPROPANE	34541
69000	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
67	UG/L	TRICHLOROETHENE	39180
100	UG/L	BENZENE	31030
100	UG/L	DIHROMOCHLOROMETHANE	34306
100	UG/L	1,1,2-TRICHLOROETHANE	34511
100	UG/L	CIS-1,3-DICHLOROPROPENE	34704
100	UG/L	2-CHLOROFIHYL VINYL ETHER	34576
100	UG/L	BROMOFORM	32104
49000	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
3900	UG/L	TETRACHLOROETHENE	34475
87	UG/L	TDI, UENE	34010
310	UG/L	CHLOROBENZENE	34301
NA	UG/L	EIYHL BENZENE	34371
NA	UG/L	M-XYLENE	
NA	UG/L	D&P-XYLENE(MIXED)	

\*\*\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*A=AVERAGE VALUE      #NA=NOT ANALYZED      #NAI=INTERFERENCES  
\*J=ESTIMATED VALUE      \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD-REG IV  
ATHENS, GEORGIA

12/15/82 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
WATER REPORTING SHEET

SAMPLE NO.: 82C2832 SAMPLE TYPE: MONOL

PROJECT NO.: 82-1318 PROGRAM ELEMENT: NSF

SOURCE: SAD SITE: IROUDSALe STATE: TN

STATION STATION NO:

STORET STATION NO: SS-1N-MW6

CASE NO.: 1220 ORG SAMPLE NO: D 1341 INORG SAMPLE NO: 1 MD 9040

CONTRACT LABORATORY (ORGANIC): MEAD COMPUCHEM

CONTRACT LABORATORY (INORGANIC): ROCKY Mtn AN LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176

INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE REC'D DATE/TIME: 00/00/00 0 RECEIVED FROM: 0

SEALED: 0

CHEMICAL CHH  
ANALYTICAL METHOD:

\*\*\*\*\*  
CASE NO.: 1220 ORG SAMPLE NO: D 1341 INORG SAMPLE NO: 1 MD 9040  
CONTRACT LABORATORY (ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY (INORGANIC): ROCKY Mtn AN LABS  
REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
INORG SAMPLES SHIPPED BY FED EXP 406215180  
SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*  
ALL DATA SUSPECT BASED ON QC DATA.

\*\*\*\*\*  
\*\*\*FOOTNOTES\*\*\*  
\*A= AVERAGE VALUE \*NA= NOT ANALYZED \*N/A= INTERFERENCE  
\*J= ESTIMATED VALUE \*K= UNKNOWN TO BE LESS THAN VALUE GIVEN  
\*U= MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT  
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.  
2. CONSTITUENTS OF TECHNICAL CHLORDANE.



SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REGIV  
ATHENS, GEORGIA

12/15/82 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 82C2837 SAMPLE TYPE: MONAL

PROJECT NO.: 82-131A PROGRAM ELEMENT: NSP  
SOURCE: SAID SITE THOUSONDALE RD CITY: NASHVILLE STATE: TN

STATION ID: SS-CF-4W5 STATION NO:

SAMPLE COLLECTION: START DATE/TIME: 09/16/82 1545  
SAMPLE COLLECTION: STOP DATE/TIME: 09/00/00 0  
COLLECTED BY: MH WILSON RECEIVED FROM: 0 REC'D BY:  
SAMPLE REC'D: DATE/TIME: 00/00/00 REC'D BY:  
SEALED!

CHEMIST: CHH  
ANALYTICAL METHOD:

CASE NO.: 1220 DRG SAMPLE NO.: D 1347 INDRG SAMPLE NO.: MD 9046

CONTRACT LABORATORY (INORGANIC): ROCKY MOUNTAIN LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176

REMARK: INDRG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: CHH  
\*\*\*REMARKS\*\*\*  
ALL DATA SUSPECT BASED ON AC DATA.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STOKE
0-100	UG/L	ALDRIN	39330
0-100	UG/L	HEPTACHLOR	39410
0-100	UG/L	ALPHA-BHC	39420
0-100	UG/L	BETA-BHC	39337
0-100	UG/L	CAKAMAKHC (LINDANE)	39338
0-100	UG/L	DELTA-BHC	3940
0-100	UG/L	DELTASULFAN I (ALPHA)	39259
0-100	UG/L	DELDRIN	39361
0-100	UG/L	4,4'-DDT (P,P'-DDT)	39350
0-100	UG/L	4,4'-DDD (P,P'-DDD)	39350
0-100	UG/L	ENDRIN	39354
0-100	UG/L	ENDOSULFAN II (BETA)	39356
0-100	UG/L	ENDOSULFATE (TRICHLORURE)	39351
0-100	UG/L	HEPTACHLORANE (CAROCOLOR 1242)	39350
0-100	UG/L	HEPTACHLORANE (CAROCOLOR 1254)	3946
0-100	UG/L	HEPTACHLORANE (AROCOLOR 1221)	39504
0-100	UG/L	HEPTACHLORANE (AROCOLOR 1232)	39498
0-100	UG/L	HEPTACHLORANE (AROCOLOR 1248)	39500
0-100	UG/L	HEPTACHLORANE (AROCOLOR 1260)	39508
0-100	UG/L	HEPTACHLORANE (AROCOLOR 1016)	39671
0-100	UG/L	HEPTACHLORALDEHYDE	39400
0-100	UG/L	HEPTACHLORODIOXIN	39675
0-100	UG/L	CHLORDENE /2	39884
0-100	UG/L	GAMMA-CHLORDENE /2	39810
0-100	UG/L	HYDROXYCHLORDENE /2	39071
0-100	UG/L	TRANS-CHLORDENE /2	39346
0-100	UG/L	ALPHA-CHLORDENE /2	39480
0-100	UG/L	METHOXICHLOR	39480

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*AVERAGE VALUE IS NOT ANALYZED \*A/I-INTERFERENCES OF PRESENCE OF MATERIAL  
\*A/ESTIMATED VALUE IS A/PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*A/ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*A/MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT REPORTED.  
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.  
2. CONSTITUENTS OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD/HEG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

11/03/82

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
WATER

RESULTS UNITS PARAMETER  
0.010 MG/L CYANIDE  
7.54 PH  
20.0 DEG C TEMPERATURE

STORED  
00720  
00400  
00010

SAMPLE NO.: 82C2834 SAMPLE TYPE: MONWL

PROJECT NO.: 82-1318 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE THROUSDALE RD  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CF-MW2  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/16/82 1100  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST: MAW CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO: D 1344 INORG SAMPLE NO.: MD 9043  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*\*\*  
\*\*\*FOOTNOTES\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

11/03/82

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
WATER

RESULTS UNITS PARAMETER  
0.010 MG/L CYANIDE  
6.37 PH  
0 DEG C TEMPERATURE

STORET  
00720  
00400  
00010

SAMPLE NO.: 82C2835 SAMPLE TYPE: MUNWL

PROJECT NO.: 82-1316 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD  
CITY: NASHVILLE STATE: TN

STATION I.D.: 55-CF-MW3  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/16/82 1445  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST: MAW CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO: D 1345 INORG SAMPLE NO.: MU 9044  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN LAHS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

280970

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

11/03/82

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
WATER

RESULTS UNITS PARAMETER  
0.01U MG/L CYANIDE  
NA PH  
NA DEG C TEMPERATURE

STORED  
00720  
00400  
00010

SAMPLE NO.: 82C2836 SAMPLE TYPE: MONWL

PROJECT NO.: 82-131B PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD  
CITY: NASHVILLE STATE: TN

STATION I.D.: 55-CF-MW4  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/16/82 1515  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST: MAW CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO: D 1346 INORG SAMPLE NO.: MD 9045  
CONTRACT LABORATORY(ORGANIC): MEAD CAMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY Mtn AN LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESU, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

11/03/82

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
WATER

RESULTS UNITS PARAMETER  
0.010 MG/L CYANIDE  
6.95 PH  
18.0 DEG C TEMPERATURE

STORED  
00720  
00600  
00010

PROJECT NO.: 82-1318 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CF-MWS  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/16/82 1545  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST: MAW CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO: U 1347 INORG SAMPLE NO.: MD 9046  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): RUGBY Mtn AN LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

- \*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES
- \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*PK-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESU, REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

11/03/82

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
WATER

RESULTS UNITS PARAMETER  
0.010 MG/L CYANIDE  
6.35 PH  
21.0 DEG C TEMPERATURE

STORED  
00720  
00400  
00010

PROJECT NO.: 82-131B PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE THOUSDALE HD  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-IN-MW6  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/15/82 1445  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST: MAW CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO: D 1341 INORG SAMPLE NO.: MD 9040  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): RUCKY MTN AN LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LUG VERIFIED BY: DLC DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

- \*A-AVERAGE VALUE \*NA-NOT ANALYZED #NAI-INTERFERENCES
- \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

11/02/82

METALS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: B2C2831 SAMPLE TYPE: AMBWA

PROJECT NO.: 82-1318 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE THOUSDALE RD  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-WT-1  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/18/82 845  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST: MAW

ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO: D 1339 INORG SAMPLE NO.: MD 9039  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176

REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

- \*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES
- \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

RESULTS	UNITS	ELEMENT	STORET
100	UG/L	SILVER	01077
100	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
1000	UG/L	BARIUM	01007
50	UG/L	BERYLLIUM	01012
400	UG/L	CADMIUM	01027
500	UG/L	COBALT	01037
18	UG/L	CHROMIUM	01034
500	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
400	UG/L	NICKEL	01067
9	UG/L	LEAD	01051
200	UG/L	ANTIMONY	01097
11	UG/L	SELENIUM	01147
200	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
100	UG/L	THALLIUM	01059
2000	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
49	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.2U	UG/L	MERCURY	71900
530	UG/L	ALUMINUM	01105
44	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	000916
NA	MG/L	MAGNESIUM	000927
0.74	MG/L	IRON	74010
NA	MG/L	SODIUM	000929
NA	UG/L	CHROMIUM, HEXAVALENT	01032

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

11/02/82

METALS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 82C2834 SAMPLE TYPE: MONWL

PROJECT NO.: 82-131H PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE HD  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CF-MW2

STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/16/82 1100

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:

SAMPLE REC'D DATE/TIME 00/00/00 0 REC'D BY:

SEALED?

CHEMIST: MAW

ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO: D 1344 INORG SAMPLE NO.: MD 9043

CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM

CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176

REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES

\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN

\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN

\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS

THE MINIMUM DETECTION LIMIT.

RESULTS	UNITS	ELEMENT	STORET
10U	UG/L	SILVER	01077
10U	UG/L	ARSENIC	01002
NA	UG/L	BORON	01025
100U	UG/L	BAHIUM	01007
SU	UG/L	BERYLLOIUM	01012
4	UG/L	CADIUM	01027
50U	UG/L	COBALT	01037
100U	UG/L	CHROMIUM	01034
50U	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
40U	UG/L	NICKEL	01067
18	UG/L	LEAD	01051
20U	UG/L	ANTIMONY	01097
2U	UG/L	SELENIUM	01147
20U	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
10U	UG/L	THALLIUM	01059
200U	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
34	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01163
0.2U	UG/L	MERCURY	71900
430	UG/L	ALUMINUM	01105
250	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
0.67	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM, HEXAVALENT	01032

8

20

20

20

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD-REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

11/02/82

METALS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: B2C2835 SAMPLE TYPE: L-MUNWL

PROJECT NO.: 82-131B PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE THOUSDALE RD  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CF-MW3  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/16/82 1445  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:

SEALED:

CHEMIST: MAW  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO.: D 1345 INORG SAMPLE NO.: MD 9044  
CONTRACT LABORATORY(ORGANIC): HEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN. LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176

REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*  
 \*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
 \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM DETECTION LIMIT.

RESULTS	UNITS	ELEMENT	STORET
100	UG/L	SILVER	01077
100	UG/L	ARSENIC	01022
NA	UG/L	BOHON	01007
1000	UG/L	BAHIUM	01012
50	UG/L	BERYLLOM	01027
4	UG/L	CADMIUM	01037
500	UG/L	COBALT	01034
100	UG/L	CHROMIUM	01042
500	UG/L	COPPER	01062
NA	UG/L	MOLYBDENUM	01067
400	UG/L	NICKEL	01061
47	UG/L	LEAD	01051
200	UG/L	ANTIMONY	01097
20	UG/L	SELENIUM	01147
200	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01093
NA	UG/L	TITANIUM	01152
100	UG/L	THALLIUM	01059
2000	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
58	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.20	UG/L	MERCURY	71900
5200	UG/L	ALUMINUM	01105
5000	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
11	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM, HEXAVALENT	01032

8

0293

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, HEG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

11/02/82

METALS  
DATA REPORTING SHEET  
WATER

PROJECT NO.: 82-131H PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE THOUSDALE HD  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CF-MW5  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/16/82 1545  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST: MAW  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO: D 1347 INORG SAMPLE NO.: MD 9046  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*\*\*  
\*\*\*FOOTNOTES\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL HAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

RESULTS	UNITS	ELEMENT	STORET
100	UG/L	SILVER	01077
100	UG/L	ARSENIC	01002
NA	UG/L	BORON	01026
1000	UG/L	BARIUM	01007
50	UG/L	BERYLLIUM	01012
500	UG/L	CADMIUM	01027
16	UG/L	COBALT	01037
500	UG/L	CHROMIUM	01034
500	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
400	UG/L	NICKEL	01067
15	UG/L	LEAD	01051
200	UG/L	ANTIMONY	01097
200	UG/L	SELENIUM	01147
200	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
100	UG/L	THALLIUM	01059
2000	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
54	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.20	UG/L	MERCURY	7900
2000	UG/L	ALUMINUM	01105
730	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
7.2	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM, HEXAVALENT	01032

8

0294

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

12/16/82

MISCELLANEOUS ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 82C2831      SAMPLE TYPE: AMBWA

PROJECT NO.: 82-131B      PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD  
CITY: NASHVILLE      STATE: TN

STATION I.D.: SS-WI-1  
STORET STATION NO: 1

SAMPLE COLLECTION: START DATE/TIME 08/18/82 845  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON      RECEIVED FROM:  
SAMPLE REC'D: DATE, /TIME 00/00/00      REC'D BY:  
SEALED:

CHEMIST:  
ANALYTICAL METHODS:

CASE NO.: 1220      ORG SAMPLE NO: D 1339      INORG SAMPLE NO.: MD 9039  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY Mtn AN LARCS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC      DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*  
V=PURGEABLE ORGANIC, E=EXTRACTABLE ORGANIC, P=PESTICIDE ANALYSIS

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

AN RESULTS IN: UG/L      COMPOUND NAME  
V NO QUANT ACETUNE

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A=AVERAGE VALUE      \*NA=NOT ANALYZED      \*NI=INTERFERENCES  
\*J=ESTIMATED VALUE      \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

2  
8  
0  
295

SAMPLE AND ANALYSTS MANAGEMENT SYSTEM  
FPA-FSD, REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

AN RESULTS IN1 UG/L COMPOUND NAME  
V NO QUANT METHYLCYCLOHEXANE

12/16/82

MISCELLANEOUS ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 82C2834 SAMPLE TYPE: MONOL

PROJECT NO.: 82-1315 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TRUSSDALE RD  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CF-HW2  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/16/82 1100  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C. H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO: D 1344 INORG SAMPLE NO.: MD 9043  
CONTRACT LABORATORY(ORGANIC): HEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY Mtn AN LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*  
V=PURGEABLE ORGANIC, E=EXTRACTABLE ORGANIC, P=PESTICIDE ANALYSIS

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A=AVERAGE VALUE \*NA=NOT ANALYZED \*N/A=INTERFERENCES  
\*J=ESTIMATED VALUE \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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0296

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-FSD, REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

AN RESULTS INT UG/L COMPOUND NAME  
E NO QUANT 9 UNIDENTIFIED COMPOUNDS

12/16/82

MISCELLANEOUS ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 82C2835 SAMPLE TYPE: MONWL

PROJECT NO.: 82-131H PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CF-MW3  
STURET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/16/82 1445  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C H WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO: D 1345 INDRG SAMPLE NO.: MD 9044  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUTECH  
CONTRACT LABORATORY(INDORGANIC): RUCKY MTN AN LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INDRG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*  
V=PURGEABLE ORGANIC, E=EXTRACTABLE ORGANIC, P=PESTICIDE ANALYSIS

\*\*\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*A=AVERAGE VALUE \*NA=NUT ANALYZED \*NAI=INTERFERENCES  
\*J=ESTIMATED VALUE \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

12/16/82

MISCELLANEOUS ANALYSIS  
DATA REPORTING SHEET  
WATER

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

AN RESULTS IN: UG/L COMPOUND NAME  
V NO QUANT DICHLOROPHLOXOMETHANE  
V NO QUANT ACETONE  
V NO QUANT CYCLOHEXANE  
V NO QUANT METHYLCYCLOHEXANE  
V NO QUANT 1 UNIDENTIFIED COMPOUND

SAMPLE NO.: 82C2836 SAMPLE TYPE: MDNWL

PROJECT NO.: 92-131B PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD  
CITY: WASHVILLE STATE: TN

STATION I.D.: SS-CF-MW4  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/16/82 1515  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C. H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO: D 1346 INORG SAMPLE NO.: MD 9045  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY Mtn AN LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*  
V=PURGEABLE ORGANIC, E=EXTRACTABLE ORGANIC, P=PESTICIDE ANALYSIS

\*\*\*\*\*FOOTNOTES\*\*\*  
\*A=AVERAGE VALUE \*NA=NOT ANALYZED \*NAI=INTERFERENCES  
\*J=ESTIMATED VALUE \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

12/16/82

MISCELLANEOUS ANALYSIS  
DATA REPORTING SHEET  
WATER

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

AN RESULTS IN: UG/I, COMPOUND NAME  
V NO QUANT ACETONE  
V NO QUANT 1 UNIDENTIFIED COMPOUND  
V NO QUANT METHYLCYCLOHEXANE

SAMPLE NO.: 82C2832 SAMPLE TYPE: MONHL

PROJECT NO.: 82-1318 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD  
CITY: NASHVILLE STATE: TN

STATION ID: SS-1N-MW6  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/15/82 1445  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST:  
ANALYTICAL METHODS:

CASE NO.: 1220 ORG SAMPLE NO: D 1341 INORG SAMPLE NO.: MD 9040  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*  
V=PURGEABLE ORGANIC, E=EXTRACTABLE ORGANIC, P=PESTICIDE ANALYSIS

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*\*A=AVERAGE VALUE \*\*NA=NOT ANALYZED \*\*NAI=INTERFERENCES  
\*\*J=ESTIMATED VALUE \*\*NP=PREPRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

ANALYSIS MANAGE  
EPA-ESD REGI  
ATHENS GEORGIA

**EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
WATER**

SAMPLE NO.: 82C2831      SAMPLE TYPE: AMBWA

PROJECT NO! 82-131B PROGRAM ELEMENT! NSF  
SOURCE! SAAD SITE! TRUSSDALE RD STATE! TN  
CITY! NASHVILLE CITY! NASHVILLE  
STATION ID! SSWMT-1  
STORED STATION NO!  
SAMPLE COLLECTION! START DATE/TIME 08/19/82 8:45  
SAMPLE COLLECTION! STOP DATE/TIME 00/00/00 0:00  
COLLECTED BY! SMITH WILSON RECEIVED FROM! REC'D BY!  
SAMPLE REC'D DATE/TIME 00/00/00 REC'D BY!  
SEALED!

ANALYTICAL METHODS

CASE NO. 1220 OK

CONTRACT LABORATORY(ORGANIC); MFB COMPUCHEM  
CONTRACT LABORATORY(INORGANIC); ROCKY MTN AN LABS

REMARK! DRUG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK! DRUG SAMPLES SHIPPED BY FED EXP 40621518

REMARKS INDUS SAMPLES SHIPPED BY FEDEX EXP AIRMAIL

**\*\*\*REMARKS\*\*\***

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\*AVERAGE VALUE \*NA-NOT ANALYZED \*NA=INTERFERENCE OF MATERIAL  
 \*ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM DETECTION LIMIT

RESULTS	UNITS	COMPOUND
NA	UG/L	N-NITRUSODIMETHYLHYDRAZINE/AZOBENZENE
100	UG/L	2,4-DIPHENYLHYDRAZINE
100	UG/L	BENZIDINE
100	UG/L	1,3-DICHLOROBENZENE
100	UG/L	1,4-DICHLOROBENZENE
100	UG/L	1,2-DICHLOROGENZENE
100	UG/L	HEXACHLOROBUTYL ETHER
100	UG/L	BIS(2-CHLOROETHoxy) PROPYLAMINE
100	UG/L	NITROBENZENE
100	UG/L	HEXAHALOBRUTADIENE
100	UG/L	1,2,4-TRICHLOROBENZENE
100	UG/L	PAINT THALENE
100	UG/L	BIS(2-CHLOROETHoxy) METHANE
100	UG/L	HEXAHALOCYCLOPENTADIENE (HCCP)
100	UG/L	2,4-CHLORONAPHTHALENE
100	UG/L	ACONIAPHTHENE
100	UG/L	DICHLOROPHTHALIC ACID
100	UG/L	2,4-DINITROTOLUENE
100	UG/L	2,6-DINITROPHENYL PHENYL ETHER
100	UG/L	FURANONE
100	UG/L	DIETHYL PHTHALATE
100	UG/L	KETIMINOSODIOPHENYLAMINE/DIPHENYLMAMINE
100	UG/L	HEXAHALOBOBENZENE (HCB)
100	UG/L	4-AROMOPHENYL PHENYL ETHER
100	UG/L	PHENANTHRENE
100	UG/L	ANTHRACENE
100	UG/L	DIAIN-BUTYLPHTHALATE
100	UG/L	FLUORANTHENE
100	UG/L	BENZENECARBOXYLIC BUTYL PHTHALATE
100	UG/L	BIS(2-EETHYLHEXYL) PHTHALATE
100	UG/L	CHARTS
100	UG/L	1,3-DICHLOROBENZIDINE
100	UG/L	BENZEN-1-OCTYLPHthalate
100	UG/L	BENZO-(b)FLUORANTHENE
100	UG/L	BENZO-A-PYRENE
100	UG/L	BENZO-(1,2,3-Cd) PYRENE
100	UG/L	BENZO-(A)ANTHRACENE
100	UG/L	BENZODIOXYDIPHENYLENE
100	UG/L	2-NITROBENZOPHENOL
100	UG/L	PHENOTROPHEOL
100	UG/L	2,4-DIMETHYLPHENOL
100	UG/L	2,4,4-TRICHLOROPHENOL
100	UG/L	4-CHLORODIMETHYLPHENOL
100	UG/L	4-CHLORONITROPHENOL
100	UG/L	4-NITROCHLOROPHENOL

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEMS EPA-ESD REG IV

ATHENS - GEORGIA

**EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET**

12/13/86  
EATING DRINKING ORGANIC WATER  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 82C2834 SAMPLE TYPE: MONHL

RESULTS		*****ANALYTICAL RESULTS*****	
UNITS	COMPOUND	STORED	
NA	N-NITRODIMETHYLAMINE	34493	
100	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34346	
100	BENZIDINE	39122	
100	1,3-CHLOROBENZENE	38456	
100	1,4-CHLOROBENZENE	38453	
100	1,2-DICHLOROBENZENE	38452	
100	BIS(2-CHLOROETHYL) ETHER	38459	
100	HEXACHLOROETHANE/ETHER	38428	
100	BIS(2-CHLOROISOPROPYL) ETHER	38426	
100	INTERSOITION PROPYL AMINE	38425	

## SAMPLE AND ANALYSIS MANAGEMENT SYSTEM EPA-ESDN, REG II ATHENS, GEORGIA

112/15/82

SAMPLE TYPE: 100% MONO

PROJECT NO! 92-131B PROGRAM ELEMENT! NSF  
SOURCE! SAID SITE TROUSDALE RD  
CITY! NASHVILLE STATE! TN  
STATION ID#! 55-CF-HW3  
STORED STATION NO!  
SAMPLE COLLECTION! START DATE/TIME 09/16/82 1  
SAMPLE COLLECTION! STOP DATE/TIME 00/00/00  
COLLECTED BY! GENE WILSON RECEIVED FROM  
SAMPLE RECD! DATE/TIME 00/00/00  
SEALED!

CHEMIST: DGR

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CONTRACT LABORATORY (UNGAVIE); HEAD COMPUCHEM CONTRACT LABORATORY (INDORGANIC); ROCKY MTN AN LABS

REMARKS: ORG-SAMPLES SHIPPED BY FED EXP 406215176  
REMARKS: INDRG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DUE DATE VERIFIED BY: CHA

#REMARKS#  
#QUANT#ON#BHENNIS TS SUSPECT BASED ON OC DATA

ANALYTICAL RESULTS

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

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12/15/82  
EXTRACTABLE ORGANIC ANALYSIS DATA REPORTING SHEET

SAMPLE NO.: 82C2836 SAMPLE TYPE: MONOLI

PROJECT NO: 92-131B PROGRAM ELEMENT: NSF  
SOURCE: SAID SITE: TROUSDALE RD  
CITY: NASHVILLE STATE: TN  
STATION ID#: SS-CRMM4  
STORED: STATION IND

**ANALYTICAL METHODS**

CASE NO: 1220 DRG SAMPLE NO: D 1346 INDRG SAMPLE NO.: MD 9045  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN LABS  
REMARK: ORG SAMPLES SHIPPED BY FEDEX EXP 406215176  
REMARK: INDRG SAMPLES SHIPPED BY FEDEX EXP 406215180  
SAMPLE LOG VERIFIED BY DLC DATA VERIFIED BY CHH  
\*\*\*REMARKS\*\*\*  
>QUANT FOR PHENOLS IS SUSPECT BASED ON QC DATA

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\*-AVERAGE VALUE \*-N=NOT ANALYZED \*-N/I-INTERFERENCES  
\*-ESTIMATED VALUE \*-N/PRESUMPTIVE EVIDENCE OF MATERIALLY  
\*-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*-MATERIAL LAMAS ANALYZED FOR RUTIN NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

## \*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*



SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD-REG-IV  
ATLANTA, GEORGIA

EXTRACTABLE ORGANIC ANALYSIS

**EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET**

12/15/82

Sample No. 1 B2C2B32 Sample type: MONL

PROJECT NO.: B2-1318 PROGRAM ELEMENT: NSF  
SOURCE: SAID SITE TROUSDALE RD  
CITY: NASHVILLE STATE: TN

STATION STATION NO:  
STORESTATION NO:

SAMPLE COLLECTION! START DATE/TIME 09/15/82 1445  
SAMPLE COLLECTION! STOP DATE/TIME 00/00/00 0  
COLLECTED BY: SARA WILSON RECEIVED FROM: 0  
RECEIVED REC'D DATE/TIME 00/00/00 0  
SEALED: 0

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CASE NO.: 1220 DRG SAMPLE NO.: D 1341 INORG SAMPLE NO.: MD 9040  
CONTRACT LABORATORY (ORGANIC): MCAD COMPUCHEM  
CONTRACT LABORATORY (INORGANIC): ROCKY MOUNTAIN LABS  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180  
SAMPLE LOG VERIFIED BY: DIC. DATA VERIFIED BY: CHH

САНКТ-ПЕТЕРБУРГ

\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE      \*N=NOT ANALYZED      \*NAI-INTERFERENCES  
 \*J=ESTIMATED VALUE      \*P=PREUMPTIVE EVIDENCE OF PRESENCE OF MAT  
 \*K=ACTUAL VALUE      \*S-KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L=ACTUAL VALUE      \*S-KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM DETECTION LIMIT.

ANALYTICAL RESULTS

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM™

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**EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET**

SAMPLE NO.: 82C283A SAMPLE TYPE: MONOLITH

PROJECT NO: 822-131B PROGRAM ELEMENT: NSPP  
SOURCE: SAID SITE: INDIANAPOLIS RD  
CITY: NASHVILLE STATE: TN  
STATION ID: SS-SS-MW7

SAMPLE COLLECTION! START DATE/TIME 09/17/82 945  
SAMPLE COLLECTION! STOP DATE/TIME 06/06/00 0  
COLLECTED BY SW WILSON RECEIVED FROM REC'D BY:  
SAMPLE REC'D DATE/TIME 00/00/00 REC'D BY:  
SEALED!

CASE NO: 1220 ORG SAMPLE NO: D 1356 INDRG SAMPLE NO: MD 9047  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MOUNTAIN LABS  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180  
SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: CHH  
\*\*\*REMARKS\*\*\*

\*A=AVERAGE VALUE \*NA=NOT ANALYZED \*NAI=INTERFERENCES  
 \*E=ESTIMATED VALUE \*NP=PREMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*R=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*B=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM DETECTION LIMIT.

## \* \* \* ANALYTICAL RESULTS \* \* \*

RESULTS	UNITS	COMPOUND
NA	UG/L	N-NITRODIMETHYLAMINE/AZOBENZENE
100	UG/L	BENZIDINE
100	UG/L	1,3-DICHLOROBENZENE
100	UG/L	1,4-DICHLOROBENZENE
100	UG/L	1,2-DICHLOROBENZENE
100	UG/L	BIS(2-CHLOROETHENYL) ETHER
100	UG/L	HEXACHLOROETHANE
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
100	UG/L	NITROSO-DI- <i>n</i> -PROPYLAMINE
100	UG/L	NITROBENZENE
100	UG/L	HEXAChLOROBUTADIENE
100	UG/L	1,2,4-TRICHLOROBENZENE
100	UG/L	1,2,4-TRICHLOROPHENOL
100	UG/L	BIS(2-CHLOROETHOKY) METHANE
100	UG/L	HEXAChLOROCYCLOPENTADIENE (HCCP)
100	UG/L	2-CHLORONAPHTHALENE
100	UG/L	2-CHLORONAPTHYLENE
100	UG/L	DIMETHYL PHthalate
100	UG/L	4-DINITROTOLUENE
100	UG/L	2,6-DINITROTOLUENE
100	UG/L	4-CHLOROPHENYL PHENYL ETHER
100	UG/L	FLUORENE
100	UG/L	DIETHYL PHthalate
100	UG/L	HEDANTODIPHENYLAMINE/DIPHENYLAMINE
100	UG/L	HEXAChLOROBENZENE ("MC")
100	UG/L	4-AROMOPHENYL PHENYL ETHER
100	UG/L	ANTHRACENE
100	UG/L	DI- <i>n</i> -BUTYLPHthalate
100	UG/L	PHENANTHRENE
100	UG/L	BENZYL BUTYL PHthalate
100	UG/L	BIS(2-ETHYLHEXYL) PHthalate
100	UG/L	BENZO( <i>a</i> )ANTHRACENE
100	UG/L	PHENYLISINE
100	UG/L	1,3-DICHLOROBENZODIOXINE
100	UG/L	DI- <i>n</i> OCTYLPHthalate
100	UG/L	BENZO( <i>b</i> )FLUORANTHENE
100	UG/L	BENZO( <i>a</i> -PYRENE
100	UG/L	1,2,3,4-PYRENE
100	UG/L	DIBENZO( <i>a</i> , <i>c</i> )ANTHRACENE
100	UG/L	BENZODIOXEPHENE
100	UG/L	1,2,3,4-CHLOROPHENOL
100	UG/L	4-NITROPHENOL
25000	UG/L	4-DIMETHYLPHENOL
25000	UG/L	4,4'-DICHLOROPHENOL
25000	UG/L	2,4-DINITROPHENOL
25000	UG/L	2-METHYL-4,6-DINITROPHENOL
25000	UG/L	PENTACHLOROPHENOL
25000	UG/L	4-NITROPHENOL

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPASSED REGIV  
ATHENS GEORGIA

12/15/82 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 82C2831 SAMPLE TYPE: AMBWA

PROJECT NO.: 82-1318 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE: ROUSSDALE RD STATE: TN  
CITY: NASHVILLE STATION NO.: 1

STATION STATION NO.: 1

SAMPLE COLLECTION: START DATE/TIME 08/18/82 845  
SAMPLE COLLECTION: STOP DATE/TIME 08/06/00 0

COLLECTED BY: SCHA WILSON RECEIVED FROM:

SAMPLE REC'D: 01/01/00 TIME 00:00:00 REC'D BY:  
SEALED:

CHEMISTICAL CHH  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO.: D 1339 INORG SAMPLE NO.: 4D 9039  
CONTRACT LABORATORY (ORGANIC): HEAD CRIMPACHEM  
CONTRACT LABORATORY (INORGANIC): ROCKY MTN AN LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176

INORG SAMPLES SHIPPED BY FED EXP 406215180  
SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*  
ALL DATA SUSPECT BASED ON 3C DATA.

- \*\*\*\*\*FOOTNOTES\*\*\*\*\*  
 \*A=AVERAGE VALUE    \*NA=NOT ANALYZED    \*N/A=INTERFERENCE  
 \*J=ESTIMATED VALUE    \*N=PREUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*U=ATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 1. WHEN THE MINIMUM DETECTION LIMIT IS REPORTED, SEE CHLORDANE CONSTITUENTS.  
 2. CONSTITUENTS OF TECHNICAL CHLORDANE.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	
0.100	UG/L	ACOPRIN	
0.000	UG/L	HEPTACHLOR	
0.000	UG/L	ALPHA-BHC	
0.000	UG/L	BETA-BHC	
0.000	UG/L	GAMMA-BHC (LINDANE)	
0.000	UG/L	DELTA-BHC	
0.000	UG/L	ENDOSULFAN I (ALPHA)	
0.000	UG/L	DIELUDRIN	(P,P'-DDT)
0.000	UG/L	4,4'-DDT	(P,P'-DDT)
0.000	UG/L	4,4'-DDD	(P,P'-DDD)
0.000	UG/L	4,4'-DDDD	(P,P'-DDDD)
0.000	UG/L	ENDOSULFAN II (BETA)	
0.000	UG/L	ENDOSULFAN SULFATE	
0.000	UG/L	CHLORODANE (TECH. MIXTURE)	/1
0.000	UG/L	CHLORODANE (AROCLOK 1242)	
0.000	UG/L	PCP-a-1252 (AROCLOK 1254)	
0.000	UG/L	PCP-a-1254 (AROCLOK 1254)	
0.000	UG/L	PCP-a-1254 (AROCLOK 1254)	
0.000	UG/L	PCP-a-1254 (AROCLOK 1254)	
0.000	UG/L	PCP-a-1254 (AROCLOK 1254)	
0.000	UG/L	PCP-a-1254 (AROCLOK 1254)	
0.000	UG/L	PCP-a-1254 (AROCLOK 1254)	
0.000	UG/L	PCP-a-1260 (AROCLOK 1260)	
0.000	UG/L	PCP-a-1016 (AROCLOK 1016)	
0.000	UG/L	TOXAPHENE	
0.000	UG/L	ENDRIN ALDEHYDE	
0.000	UG/L	TCDD/TCDDOXIN	
0.000	UG/L	TCDDOXIN	
0.000	UG/L	CHLORDENE /2	
0.000	UG/L	ALPHA-CHLORDENE /2	
0.000	UG/L	GAMMA-CHLORDENE /2	
0.000	UG/L	1-HYDROXYCHLORDENE /2	
0.000	UG/L	GAMMA-CHLORDENE /2	
0.000	UG/L	TRANS-NONACHLOR /2	
0.000	UG/L	ALPHA-CHLORDANE /2	
0.000	UG/L	CIS-NONACHLOR /2	
0.000	UG/L	METHOXYCHLOR	

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM FOR TEST-REPORTING

ATHENS, GEORGIA

**12/15/82 PESTICIDES/PCBS AND OTHER CHLORINATED COMPOUNDS DATA REPORTING SHEET**

SAMPLE NR.: 113C2034 SAMPLE TYPE: MONOCL.

PROJECT NO: 82-131B PROGRAM ELEMENT: NSF  
SOURCE: SAID SITE ROUSDALE RD  
CITY: NASHVILLE STATE: TN  
STATION ID: SS-CR-MW2  
STORED STATION ID:  
  
SAMPLE COLLECTION: START DATE/TIME 09/16/82 1100  
SAMPLE COLLECTION: STOP DATE/TIME 09/06/00 0000  
COLLECTED BY: CH WILSON RECEIVED FROM: REC'D BY:  
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:  
SEALED:

#### **ANALYTICAL METHODS**

CASE NO.: 1220 ORG SAMPLE NO: D 1344 INORG SAMPLE NO.: MU 90033  
CONTRACT LABORATORY(ORGANIC): D 1344 COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY Mtn ANLabs  
REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180  
SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: CHH  
\*\*\*REMARKS\*\*\*  
ALL DATA SUSPECT BASED ON 3C DATA.

ALL DATA SUSPECT BASED ON 3E DATA

CASE NO. 1220 OR

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\*AVERAGE VALUE      \*NOT ANALYZED      \*N/A = INTERFERENCES  
\*ESTIMATED VALUE      \*PREEMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*MATERIAL WAS ANALYZED FOR RUTENIUM. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT  
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.  
2. CONSTITUENTS OF TECHNICAL CHLORDANE.

## \* \* \* ANALYTICAL RESULTS \* \* \*

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REGIV  
ATHENS, GEORGIA

12/15/82 PESTICIDES/PCBs AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 82C2838      SAMPLE TYPE: 40ML

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STUDNET
0.100	UG/L	ALKINN	394340
0.100	UG/L	HEPTACHLOR	39410
0.100	UG/L	HEPTACHLOR EPOXIDE	39420
0.100	UG/L	ALPHA-BHC	39347
0.100	UG/L	BETA-BHC	39348
0.100	UG/L	GAMMA-BHC (LINDANE)	39340
0.100	UG/L	ENDOSUFAN 1 (ALPHA)	39380
0.100	UG/L	DELTADRIN	39381
0.100	UG/L	DEFDRIN	39350
0.100	UG/L	4,4'-DDT (P,P'-DDT)	39320
0.100	UG/L	4,4'-DDE (P,P'-DDE)	39340
0.100	UG/L	4,4'-DDD (P,P'-DDD)	39340
0.100	UG/L	ENDRIN	39326
0.100	UG/L	ENDOSULFAN 1 (BETA)	39351
0.100	UG/L	ENDOSULFAN SULFATE	39350
0.100	UG/L	CHLORDANE (TECHN. MIXTURE)	39350
0.100	UG/L	OPPONOL 1242 (AROCLOK 1242)	39464
0.100	UG/L	OPPONOL 1254 (AROCLOK 1254)	39468
0.100	UG/L	OPPONOL 1221 (AROCLOK 1221)	39492
0.100	UG/L	OPPONOL 1232 (AROCLOK 1232)	39500
0.100	UG/L	OPPONOL 1248 (AROCLOK 1248)	39500
0.100	UG/L	OPPONOL 1260 (AROCLOK 1260)	39508
0.100	UG/L	OPPONOL 1016 (AROCLOK 1016)	39471
0.100	UG/L	OXAPHENONE	39400
0.100	UG/L	OXAPHENYL ALDEHYDE	39406
0.100	UG/L	ENDRIN ALDEHYDE	39406
0.100	UG/L	CHLORDENE /2	39475
0.100	UG/L	CHLORDENE /2	77884
0.100	UG/L	ALPHA-CHLORDENE	
0.100	UG/L	DELTA-CHLORDENE	
0.100	UG/L	GAMMA-CHLORDENE /2	
0.100	UG/L	HYDROXYCHLORDENE	
0.100	UG/L	TRIGAMMA-CHLORDENE /2	
0.100	UG/L	TRANS-CHLORDENE /2	
0.100	UG/L	ALPHA-CHLORDENE /2	
0.100	UG/L	METHOXYCHLOR	

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
NA=NOT ANALYZED \*NA=INTERFERENCES  
NA=AVERAGE VALUE \*NA=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
NA=ESTIMATED VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
NA=MATERIAL WAS ANALYZED BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.  
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.  
2. CONSTITUENTS OF TECHNICAL CHLORDANE.